CURRICULUM VITAE

Peter Brusilovsky

I Contact

School of Computing and Information
University of Pittsburgh
135 North Bellefield Avenue
Pittsburgh, PA 15260
E-mail: **peterb@pitt.edu**
Phone: 412 624 9404
Fax: 412 624 2788
WWW: http://www.pitt.edu/~peterb

II Research Interests

Fields of research and expertise

Learning Technologies, Information Science, Human-Computer Interaction, Social Computing, Artificial Intelligence

Areas of research interests

Adaptive hypertext and hypermedia, adaptive e-learning, student and user modeling, personalized and social information access, intelligent tutoring systems, computer science education

III Education

1983-1987   **Moscow State University**, Moscow, Russia
Faculty of Computational Mathematics and Cybernetics
Ph.D. in **Computer Science,** October 1987
Thesis: "The design and study of software environments to support the process of teaching programming"
Served as a Teaching Assistant and a Teacher for Introductory Programming courses.

1978-1983   **Moscow State University**, Moscow, Russia
Faculty of Computational Mathematics and Cybernetics
B.S. and **M.S.** in **Applied Mathematics**.
Diploma "with Excellence"(QPA 4.0 out of 4.0).
Thesis: "On-line manuals and on-line help in software systems"

IV Professional Employment and Experience

1. Full-time appointments

Since 09/17   **Professor, School of Computing and Information, University of Pittsburgh**

09/11-08/17   **Professor, School of Information Sciences and Intelligent Systems Program, University of Pittsburgh**

07/12-06/16   **Professor and Chair, Graduate Information Science and Technology Program, School of Information Sciences, University of Pittsburgh**

09/05-08/11   **Associate Professor, School of Information Sciences and Intelligent Systems Program, University of Pittsburgh**

08/00-09/05   **Assistant Professor, School of Information Sciences and Intelligent Systems Program, University of Pittsburgh**

07/98-07/00   **Director of Computer-Managed Instruction, later Consultant, Carnegie Technology Education,** Pittsburgh, PA

04/96-06/98   **Visiting Research Scientist, School of Computer Science, Carnegie Mellon University,** Pittsburgh, PA
Affiliated with **Human-Computer Interaction Institute**

10/94-03/96   **Alexander von Humboldt Visiting Fellow** (Recipient of Alexander von Humboldt Fellowship)**, Cognition and Communication Division, Department of Psychology, University of Trier, Germany**

04/90-09/94   **Senior Research Scientist**, **International Center for Scientific and Technical Information (ICSTI),** Moscow, Russia

12/86-03/90   **All-Union Scientific Technical Information Center,** Moscow, Russia
Senior Research Scientist (11/87-03/90)
Junior Research Scientist (12/86-11/87)

2. Visiting and adjunct appointments:

08/13-06/14   **Fulbright-Nokia Distinguished Chair, Aalto University, University of Helsinki, Finland**
Sabbatical Visiting Position

09/98-present **Adjunct Faculty, Human-Computer Interaction Institute, School of Computer Science, Carnegie Mellon University,** Pittsburgh, PA

04/04-4/2009   **Visiting Professor, National College of Ireland**, Ireland

07/2002   **Visiting Professor, University of Bolzano**, Italy

10/93-11/93   **Visiting Assistant Professor, Tokyo Denki University, Tokyo, Japan**.

05/93-08/93   **Postdoctoral Researcher**, **School of Cognitive and Computing Sciences, Sussex University, UK** (funded by the Royal Society Ex-Quota Fellowship).

3. Teaching

2009-2016   **Introduction to Ph.D. Studies,** University of Pittsburgh

2008-2010   **Social Web**. University of Pittsburgh.

2001-2018   **Adaptive Information Systems** University of Pittsburgh.

2002-2018   **Interactive System Design** University of Pittsburgh.

2002-2015   **Introduction to Programming**. University of Pittsburgh.

2012-2017   **Introduction to OO Programming**. University of Pittsburgh.

2001-2005   **Information Storage and Retrieval** University of Pittsburgh.

2000-2001   **Data Structures & Programming Techniques** University of Pittsburgh.

V Academic Awards and Honors

2017   Provost Award for Excellence in Mentoring, University of Pittsburgh

2016   Invited Speaker, 15th International Conference on Web-based Learning (Italy)

2014   Best Paper Award at 9th European Conference on Technology Enhanced Learning (EC-TEL 2014)

2014   Named *Senior Member* of the IEEE

2013   Awarded Fulbright-Nokia Distinguished Chair in Finland by US Institute of International Education

2013   Best Paper Award at IEEE Conference on Advanced Learning Technologies (ICALT 2013)

2012   Invited Speaker, WebMedia 2012 (Brazil)

2010   Invited Speaker, ITEC 2010, 1st International Conference on Interdisciplinary Research on Technology, Education and Communication (Belgium)

2009   Awarded *Dr. Honoris Causa* degree by Slovak Technical University in Bratislava

2009   Named *Senior Member* of the ACM

2008   Best paper award at 5th International Conference on Adaptive Hypermedia and Adaptive Web-based Systems (Germany)

2008   Invited Speaker, 5th International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (Germany)

2008   Invited Speaker, SOFSEM 2008, 34th International Conference on Current Trends in Theory and Practice of Computer Science (Slovakia)

2006   E.T.S. Walton Visitor Award, Science Foundation Ireland

2005   NSF CAREER Award

2006   Outstanding Paper Award at E-Learn 2006, World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education

2005   Invited Speaker, IJCAI'05 Workshop on Intelligent Techniques for Web Personalization (Edinburgh, UK)

2004   Outstanding Paper Award at E-Learn 2004, World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education

2004   Invited Speaker, 4th Hellenic Conference "Information & Communication Technologies in Education" (Athens, Greece)

2003   Invited Speaker, Italian Human-Computer Interaction Conference HCITALY 2003 (Turin, Italy)

2003   Invited Speaker, German Human-Computer Interaction Conference Mensch und Computer 2003 (Stuttgart, Germany)

2003   Elected *President* of the User Modeling professional society (UM Inc.)

2002   Ted Nelson Best Newcomer Paper Award at ACM Hypertext'2002

2002   Invited Speaker, IASTED International Conference WWW/Internet 2002 (Lisbon, Portugal)

2001   Elected *Vice President* of the User Modeling professional society (UM Inc.)

2001   Invited Speaker, 10th International PEG Conference (Tampere, Finland)

2000   Invited Speaker, Fifth International Conference on Intelligent Tutoring Systems (Montreal, Canada)

1996   James S. McDonnell Fellowship (USA)

1995   Invited Speaker, 5th World Conference on Artificial Intelligence in Education (Washington, DC)

1995   Invited Speaker, Window On Science (WOS) Program, U.S. Air Force Office of Scientific Research (Brooks Air Force Base, TX)

1994   Alexander von Humboldt Fellowship (Germany)

1993   The Royal Society Ex-Quota Fellowship (UK)

1992   Invited Speaker, Third Soviet Conference on Artificial Intelligence

1983   Graduated Summa cum Laude (QPA 4.0) from Moscow State University

1978   Graduated with Gold Medal from High School #201, Moscow

VI Grants and Fellowiships

Awarded Grants and Fellowships

2017-2020   NSF DRL: Collaborative Research: Community-Building and Infrastructure Design for Data-Intensive Research in Computer Science Education (Lead organization, with CMU and Virginia Tech, Pitt share: $271,216), 30 months

2016-2017   NSF-I-Corps Pitt Ventures ($3,000)

2016-2017   Pitt ACIE: Enhancing Learning in a Large Enrollment Introductory Course by Using Visual and Social Strategies (Innovation in Education Award, University of Pittsburgh, $10,774, with Pratibha Menon)

2015-2018   NSF CHS: Open Corpus Personalized Learning. With Daqing He, (IIS 1525186, $499,758.00)

2014-2016   ADL (Army) Extending the OSLM Infrastructure with Smart Content for Python Programming, ADL grant extension (Together with Aalto University), $217,730

2013-2016   ADL (Army) Adaptive Navigation Support and Open Social Learner Modeling for PAL $623,005

2012-2013   NSF DUE: Collaborative Project: Ensemble: Enriching Communities and Collections to Support Education in Computing (extension) $16,605.00

2012-2013   Pitt ACIE: Engaging Students in Online Reading Through Social Progress Visualization (Innovation in Education Award, University of Pittsburgh, $21,000)

2011-2012   NSF IIS: Interactive Visualization and Modeling of Latent Communities (IIS 1138094, $140,145) Funded by the Institute for Defense Analysis

2011   NSF: Supporting Students Attending the User Modeling, Adaptation and Personalization 2011 Conference (IIS 1135374, $15,396)

2010-2011   Google: Personalized Social Systems for Local Communities ($55,911)
              The project explores the use of personalization and mobile computing to increase
              user engagement in location-bound social systems

2010-2011   NSF EAGER: Modeling and Visualization of Latent Communities (IIS 1059577,
              $155,881, 1 year) The project focuses on the problem of discovering latent
              communities from Social Web data and presenting this data in visual form. Funded
              by the Institute for Defense Analysis

2010-2011   NSF EAGER: Personalization and social networking for short-term communities PI.
              (IIS 1052768) Together with Jung Sun Oh, coPI. ($99,999, 1 year) The project
              explores a range of approaches, which can enable reliable social networking and
              personalization in communities, which exist for short period of time, like researchers
              attending a specific conference.

2008-2014   NSF NSDL: Ensemble: Enriching Communities and Collections to support Education
              in Computing. Major collaborative project (DUE #0840597, Pitt budget $82,820, 3
              years).

2007-2008   NSF CCLI: Personalized Exploratorium for Database Courses. PI. Together with
              Vladimir Zadorozhny, coPI (DUE #0633494, $149,345, 2 years). The proposal is
              focused on developing an educational environment for teaching Database courses.

2005-2010   DARPA: GALE: Distillation with Utility-Optimized Transcription and Translation.
              Jointly with IBM, Carnegie Mellon University, Stanford University, University of
              Maryland, PI of Pitt team (Pitt budget $988,896)

2005-2010   NSF CAREER: Personalized Access to Open Corpus Educational Resources through
              Adaptive Navigation Support and Adaptive Visualization. PI. (IIS #0447083;
              $440,000 5 years). The proposal is focused on developing technologies for
              personalized access to information based on adaptive navigation support,
              collaborative filtering, and information visualization

2005-2006   National Science Foundation: Supporting Students Attending User Modeling 2005
              Conference; July 23-29, 2005; Edinburgh, PI ($11,400, 1 year)

2004-2007   National Science Foundation, CRCD/EI: Adaptive Explanatory Visualization for
              Learning Programming Concepts. PI. Together with Michael Spring, coPI (OCI
              #0426021, $220,000, 3 years). The proposal is focused on developing and studying
              adaptive explanatory visualization technologies for C and Java programming
              languages

2004   Office of Naval Research: 3rd international conference on Adaptive Hypermedia and
              Adaptive Web-based systems (Student travel support). PI. ($4900, 6 month)

2003-2005   National Science Foundation, CCLI: Individualized Exercises for Assessment and
              Self-Assessment of Programming Knowledge. PI. (DUE #0310576, $98,522, 2
              years). The proposal suggests developing and evaluating a personalized assessment
              technology for programming courses.

2003-2004   Educational Software for Teaching and Learning Information Retrieval. Innovation in
              Education Award, University of Pittsburgh, PI ($21,070, 1 year).

2003-2004　　National Science Foundation: Supporting Students Attending User Modeling 2003 Conference, PI ($13,220, 1 year)

2001-2002　　Supporting Learning from Examples in a Programming Course. Innovation in Education Award, University of Pittsburgh, PI ($23,000, 1 year).

1997-1998　　National Science Foundation, Collaborative Research: Adaptive Electronic Textbooks for World Wide Web, (together with Prof John Anderson, PI, in partnership with University of Trier), Co-PI ($33K, 2 years)

1997　　"A Comparative Study of Web-based Educational Systems", Office of President, Carnegie Mellon University, PI ($35K, 10 months)

VII Selected[1] publications

Papers in refereed journals

Li, S., Brusilovsky, P., Su, S., and Cheng, X. (2018) Conference Paper Recommendation for Academic Conferences. IEEE Access 6, 17153 - 17164.

Hosseini, R. and Brusilovsky, P. (2017) A Study of Concept-Based Similarity Approaches for Recommending Program Examples. *New Review of Hypermedia and Multimedia*, 23 (3), 161-188.

Lee, D. and Brusilovsky, P. (2017) How to Measure Information Similarity in Online Social Networks: A Case Study of Citeulike. *Information Sciences* 418-419, 46-60.

Lee, D. H. and Brusilovsky, P. (2017) Improving Personalized Recommendations using Community Membership Information. Information Processing and Management 53 (5), 1201–1214.

Brusilovsky, P., Oh, J. S., López, C., Parra, D., and Jeng, W. (2017) Linking information and people in a social system for academic conferences. New Review of Hypermedia and Multimedia 23 (2), 81-111.

Hsiao, I.-H. and Brusilovsky, P. (2017) Guiding and Motivating Students Through Open Social Student Modeling: Lessons Learned. Teachers College Record 119 (3).

Hosseini, R. and Brusilovsky, P. (2017) A Study of Concept-Based Similarity Approaches for Recommending Program Examples. New Review of Hypermedia and Multimedia 23 (3), 161-188.

Lee, D. and Brusilovsky, P. (2017) How to Measure Information Similarity in Online Social Networks: A Case Study of Citeulike. Information Sciences 418-419, 46-60.

Anwar, M. and Brusilovsky, P. (2017) *International Journal of Information Security and Privacy* 11 (1), 1-17.

Brusilovsky, P., Somyurek, S., Guerra, J., Hosseini, R., Zadorozhny, V., and Durlach, P. (2016) Open Social Student Modeling for Personalized Learning. *IEEE Transactions on Emerging Topics in Computing* 4 (3), 450-461.

Lin, Y.-L., Brusilovsky, P., and He, D. (2016) Finding cultural heritage images through a Dual-Perspective Navigation Framework. *Information Processing & Management* 52 (5), 820–839.

Verbert, K., Parra-Santander, D., and Brusilovsky, P. (2016) Agents Vs. Users: Visual Recommendation of Research Talks with Multiple Dimension of Relevance. ACM Transactions on Interactive Intelligent Systems 6 (2), Article No. 11

---

[1] The selection includes major English publications since 1992. A list of major papers in Russian (journal, book, and international-level conferences papers for 1986-1994) could be obtained by request.

Weber, G. and Brusilovsky, P. (2016) ELM-ART - An Interactive and Intelligent Web-Based Electronic Textbook. International Journal of Artificial Intelligence in Education 26 (1), 72-81.

Sosnovsky, S. and Brusilovsky, P. (2015) Evaluation of Topic-based Adaptation and Student Modeling in QuizGuide. User Modeling and User-Adapted Interaction 25 (4), 371-424.

Lin, Y.-l., Trattner, C., Brusilovsky, P., and He, D. (2015) The impact of image descriptions on user tagging behavior: A study of the nature and functionality of crowdsourced tags. Journal of the Association for Information Science and Technology 66 (9), 1785–1798.

Parra, D. and Brusilovsky, P. (2015) User-controllable personalization: A case study with SetFusion. International Journal of Human-Computer Studies 78, 43–67.

López, C., Butler, B., and Brusilovsky, P. (2014) Does Anything Ever Happen Around Here? Assessing the Online Information Landscape for Local Events. Journal of Urban Technology 21 (4), 95-123.

Lee, D. and Brusilovsky, P. (2014) Recommending Talks at Research Conferences Using Users' Social Networks. International Journal of Cooperative Information Systems 23 (2).

Hsiao, I.-H., Bakalov, F., Brusilovsky, P., and König-Ries, B. (2013) Progressor: social navigation support through open social student modeling. New Review of Hypermedia and Multimedia 19 (2), 112-131

Ahn, J. and Brusilovsky, P. (2013) Adaptive visualization for exploratory information retrieval. Information Processing and Management 49 (5), 1139-1164.

Lee, D. and Brusilovsky, P. (2012) Proactive: Comprehensive Access to Job Information. Journal of Information Processing Systems 8 (4), 707-724.

Lin, Y., Brusilovsky, P., and He, D. (2011) Improving Self-Organizing Information Maps as Navigational Tools: A Semantic Approach. Online Information Review 35 (3), 401 - 424.

Farzan, R. and Brusilovsky, P. (2011) Encouraging User Participation in a Course Recommender System: An Impact on User Behavior. Computers in Human Behavior 27 (1), 276-284.

Loboda, T., Brusilovsky, P., and Grady, J. (2011) An Agent for Versatile Intelligence Analysis System. Intelligent Decisions Technologies 5 (1), 17-30.

Hsiao, I.-H. and Brusilovsky, P. (2011) The Role of Community Feedback in the Student Example Authoring Process: an Evaluation of AnnotEx. British Journal of Educational Technology 42 (3), 482-499

Mertens, R., Ketterl, M., and Brusilovsky, P. (2010) Social Navigation in Web Lectures: A Study of virtPresenter. Interactive Technology and Smart Education, 7 (3), 181-196.

Loboda, T. and Brusilovsky, P. (2010) User-Adaptive Explanatory Program Visualization: Evaluation and Insights from Eye Movements User Modeling and User-Adapted Interaction 20 (3), 191-226.

Brusilovsky, P., Ahn, J.-w., and Rasmussen, E. (2010) Teaching Information Retrieval with Web-based Interactive Visualization. Journal of Education for Library and Information Science 51 (3), 187-200.

Hsiao, I.-H., Sosnovsky, S., and Brusilovsky, P. (2010) Guiding students to the right questions: adaptive navigation support in an E-Learning system for Java programming. Journal of Computer Assisted Learning 26 (4), 270-283.

Ahn, J.-w., Brusilovsky, P., Grady, J., He, D., and Florian, R. (2010) Semantic Annotation Based Exploratory Search for Information Analysts. Information Processing and Management 46 (4), 383-402.

Brusilovsky, P., Sosnovsky, S., Lee, D., Yudelson, M., Zadorozhny, V., and Zhou, X.: Learning SQL programming with interactive tools: from integration to personalization. ACM Transactions on Computing Education 9, 4 (2010) Article No. 19, pp. 1-15.

Ahn, J.-w. and Brusilovsky, P. (2009) Adaptive Visualization of Search Results: Bringing User Models to Visual Analytics. Information Visualization 8 (3), 167-179.

Brusilovsky, P., Yudelson, M., and Hsiao, I.-H. (2009) Problem Solving Examples as First Class Objects in Educational Digital Libraries: Three Obstacles to Overcome. Journal of Educational Multimedia and Hypermedia 18 (3), 267-288.

Brusilovsky, P., Sosnovsky, S., and Yudelson, M. (2009) Addictive links: The motivational value of adaptive link annotation. New Review of Hypermedia and Multimedia 15 (1), 97-118.

Mertens, R., Brusilovsky, P., Ishchenko, S., and Vornberger, O. (2009) Bridging the Gap between Time- and Structure-Based Navigation in Web Lectures. International Journal on E-Learning 8 (1), 89-105.

He, D., Brusilovsky, P., Ahn, J.-w., Grady, J., Farzan, R., Peng, Y., Yang, Y., and Rogati, M. (2008) An evaluation of adaptive filtering in the context of realistic task-based information exploration. Information Processing and Management 44, 511-533.

Rey-López, M., Brusilovsky, P., Meccawy, M., Díaz-Redondo, R. P., Fernández-Vilas, A., and Ashman, H. (2008) Resolving the Problem of Intelligent Learning Content in Learning Management Systems. International Journal on E-Learning 7 (3), 363-381.

Zadorozhny, V., Yudelson, M., and Brusilovsky, P. (2008) A Framework for Performance Evaluation of User Modeling Servers for Web Applications. Web Intelligence and Agent Systems 5 (2), 175-191.

Brusilovsky, P. and Yudelson, M. (2008) From WebEx to NavEx: Interactive Access to Annotated Program Examples. Proceedings of the IEEE 96 (6), 990-999.

Farzan, R. and Brusilovsky, P. (2008) AnnotatEd: A social navigation and annotation service for web-based educational resources. New Review in Hypermedia and Multimedia 14 (1), 3-32.

Brusilovsky, P., Knapp, J., and Gamper, J. (2006) Supporting teachers as content authors in intelligent educational systems. International Journal of Knowledge and Learning 2 (3/4), 191-215.

Brusilovsky, P., Grady, J., Spring, M., and Lee, C.-H. (2006) What should be visualized? Faculty perception of priority topics for program visualization. SIGCSE Bulletin 38 (2), 44-48.

Ahn, J.-W., Farzan, R., and Brusilovsky, P. (2006) Social Search in the Context of Social Navigation. Journal of the Korean Society for Information Management 23 (2), 147-165.

Brusilovsky, P. and Sosnovsky, S. (2005) Individualized Exercises for Self-Assessment of Programming Knowledge: An Evaluation of QuizPACK. ACM Journal on Educational Resources in Computing 5 (3), Article No. 6.

Naps, T., G. Rößling, P. Brusilovsky, et al. (2005). "Development of XML-based tools to support user interaction with algorithm visualization." ACM SIGCSE bulletin 37(4): 123-138.

Brusilovsky, P., Karagiannidis, C., and Sampson, D. (2004) Layered evaluation of adaptive learning systems. International Journal of Continuing Engineering Education and Lifelong Learning 14 (4/5), 402 – 421.

Brusilovsky, P., Shcherbinina, O., and Sosnovsky, S. (2004) Mini-languages for non-computer science majors: what are the benefits? International Journal of Interactive Technology and Smart Education 1 (1), 3-10.

Brusilovsky, P. and Tasso, C. (2004) Preface to special issue on user modeling for Web information retrieval. User Modeling and User Adapted Interaction 14 (2-3), 147-157.

Brusilovsky, P. (2004) Adaptive navigation support: From adaptive hypermedia to the adaptive Web and beyond. Psychology 2 (1), available at http://www.psychology.org/article501.htm.

Brusilovsky, P. and Peylo, C. (2003) Adaptive and intelligent Web-based educational systems. International Journal of Artificial Intelligence in Education 13 (2-4),159-172.

Brusilovsky, P. (2003) Adaptive navigation support in educational hypermedia: the role of student knowledge level and the case for meta-adaptation. British Journal of Educational Technology 34 (4), 487-497.

Brusilovsky, P. and Vassileva, J. (2003) Course sequencing techniques for large-scale web-based education. International Journal of Continuing Engineering Education and Lifelong Learning 13 (1/2), 75-94.

Brusilovsky, P. and Rizzo, R. (2002) Using maps and landmarks for navigation between closed and open corpus hyperspace in Web-based education. The New Review of Hypermedia and Multimedia 9, 59-82.

Brusilovsky, P. and Rizzo, R. (2002) Map-based horizontal navigation in educational hypertext. Journal of Digital Information, 3(1). Available at http://jodi.ecs.soton.ac.uk/Articles/v03/i01/Brusilovsky/.

Brusilovsky, P. and Maybury, M. T. (2002) From adaptive hypermedia to adaptive Web. Communications of the ACM 45 (5), Special Issue on the Adaptive Web, 31-33.

Brusilovsky, P. (2001). Adaptive hypermedia. User Modeling and User Adapted Interaction, 11 (1/2), 87-110, available online at http://www.wkap.nl/oasis.htm/270983.

Weber, G. and Brusilovsky, P. (2001) ELM-ART: An adaptive versatile system for Web-based instruction. In P. Brusilovsky and C. Peylo (eds.), International Journal of Artificial Intelligence in Education, 12 (4), 351-384.

De Bra, P., Brusilovsky, P., and Houben, G.-J. (1999) Adaptive Hypermedia: From Systems to Framework. ACM Computing Survey, 31 (4es).

Brusilovsky, P. (1999) Adaptive and Intelligent Technologies for Web-based Education. In C. Rollinger and C. Peylo (eds.), Special Issue on Intelligent Systems and Teleteaching, Künstliche Intelligenz, 4, 19-25.

Brusilovsky, P., Eklund, J., and Schwarz, E. (1998). Web-based education for all: A tool for developing adaptive courseware. Computer Networks and ISDN Systems, 30 (1-7), 291-300.

Brusilovsky, P. and Pesin, L. (1998) Adaptive navigation support in educational hypermedia: An evaluation of the ISIS-Tutor. Journal of Computing and Information Technology 6 (1), 27-38.

Brusilovsky, P., & Eklund, J. (1998). A study of user-model based link annotation in educational hypermedia. Journal of Universal Computer Science, 4 (4), 429-448.

Brusilovsky, P., Calabrese, E., Hvorecky, J., Kouchnirenko, A., and Miller, P. (1997) Mini-languages: A Way to Learn Programming Principles. Education and Information Technologies, 2 (1), p. 65-83.

Brusilovsky, P. Methods and techniques of adaptive hypermedia. (1996) User Modeling and User-Adapted Interaction, 6 (2-3), p. 87-129

Brusilovskiy, P. (1994) The Construction and Application of Student Models in Intelligent Tutoring Systems. Journal of Computer and Systems Sciences International, 32 (1), 70-89.

Brusilovsky, P. and Gorskaya-Belova, T.B. (1992) The Environment for Physical Geography Teaching. Computers and Education, 18 (1-3), p. 85-88.

Brusilovsky, P. (1992) The Intelligent Tutor, Environment and Manual for Introductory Programming. Educational Technology and Training International, 29 (1), p.26-34.

Articles in magazines (reviewed by editors)

Brusilovsky, P. (2017) Toward Flexible MOOCs: Student Sourcing of Learning Content at Scale. IEEE Computer, 96.

Brusilovsky, P. (2000) Web lectures: Electronic presentations in Web-based instruction. *Syllabus* 13 (5), 18-23.

Eklund, J. and Brusilovsky, P. (1999) InterBook: An Adaptive Tutoring System. *Uniserve Science News* 12 (March), 8-13.

Books

Brusilovsky, P., Kobsa, A., Neidl, W. (eds.) (2007) *The Adaptive Web: Methods and Strategies of Web Personalization.* Lecture Notes in Computer Science, Vol. 4321. Springer-Verlag, Berlin Heidelberg New York

Brusilovsky, P., Corbett, A. and de Rosis, F. (eds.) (2003) *User Modeling 2003.* Lecture Notes in Artificial Intelligence, Vol. 2702, Berlin: Springer-Verlag

De Bra, P., Brusilovsky, P., and Conejo, R. (eds.) (2002) *Adaptive Hypermedia and Adaptive Web-based Systems*, Lecture Notes in Computer Science, Vol. 2347, Berlin: Springer-Verlag.

Brusilovsky, P., Stock, O., & Strapparava, C. (Ed.). (2000). *Adaptive Hypermedia and Adaptive Web-based Systems,* Lecture Notes in Computer Science, Vol. 1892. Berlin: Springer-Verlag.

Brusilovsky, P., Kobsa, A. and Vassileva, J. (Eds.) (1998) *Adaptive Hypertext and Hypermedia.* Kluwer Academic Publishers, Dordrecht.

Kommers, P., Dovgiallo, A., Petrushin, V. & Brusilovsky, P. (Eds.) (1997) *New media and telematic technologies for education in Eastern European countries* . Twente University Press, Enschede.

Brusilovsky, P., Kommers, P. and Streitz, N. (Eds.) (1996) *Multimedia, Hypermedia, and Virtual Reality,* Lecture Notes in Computer Science, Vol. 1077. Berlin: Springer-Verlag.

Edited special journal issues

P. Brusilovsky and D. Chin (eds.) Special issue on Personalization in Social Web-Based Systems, *User Modeling and User-Adapted Interaction* **23** (2-3), 2013.

P. Brusilovsky and P. De Bra (eds.), Special Issue on Adaptive Hypermedia, *The New Review of Hypermedia and Multimedia* **15 (1)**, 2009

P. Brusilovsky and C. Higgins (eds.), Special Issue on Automated Assessment of Programming Assignments, *ACM Journal on Educational Resources in Computing*, **5** (3) 2005

P. Brusilovsky and P. De Bra (eds.), Special Issue on Adaptive Hypermedia, *The New Review of Hypermedia and Multimedia* **10**, 2004

P. Brusilovsky and C. Tasso (eds.), Special Issue on User Modeling for Web Information Retrieval, *User Modeling and User-Adapted Interaction* **14** (2-3), 2004.

Brusilovsky, P. and Maybury, M. T. (eds.) Special Issue on the Adaptive Web. *Communications of the ACM* 45 (5) 2002

P. Brusilovsky and Christopher Peylo (eds.) Special issue on Adaptive and Intelligent Web-based Educational Systems. *International Journal on Artificial Intelligence and Education*, 2001-2003 **12** (4) and **13** (2-4).

P. Brusilovsky and M. Milosavljevic (eds.), Special Issue on Adaptivity and user modeling in hypermedia systems, *The New Review of Hypermedia and Multimedia* **4**, 1998

P. Brusilovsky and J. Vassileva (eds.), Special Issue on Adaptive Hypertext and Hypermedia, *User Modeling and User-Adapted Interaction* **6** (2-3), 1996.

Chapters in edited books:

Brusilovsky, P. (2016) Domain Modeling for Personalized Guidance. In: R. Sottilare, et al. (eds.): Design Recommendations for Intelligent Tutoring Systems: Volume 4 - Domain Modeling. Orlando, FL, USA: Army Research Laboratory, pp. 165-183.

Brusilovsky, P., Edwards, S., Kumar, A., Malmi, L., Benotti, L., Buck, D., Ihantola, P., Prince, R., Sirkiä, T., Sosnovsky, S., Urquiza, J., Vihavainen, A., and Wollowski, M. (2014) Increasing Adoption of Smart Learning Content for Computer Science Education. In: Working Group Reports of the 2014 on Innovation & Technology in Computer Science Education Conference, Uppsala, Sweden, ACM, pp. 31-57.

Brusilovsky, P. (2012) Adaptive Hypermedia for Education and Training. In: P. Durlach and A. Lesgold (eds.): Adaptive Technologies for Training and Education. Cambridge: Cambridge University Press, pp. 46-68.

López, C. and Brusilovsky, P. (2012) Towards Adaptive Recruitment and Engagement Mechanisms in Social Systems Advances in User Modeling. In: L. Ardissono and T. Kuflik (eds.): Advances in User Modeling. Lecture Notes in Computer Science, Vol. 7138, Springer Berlin / Heidelberg, pp. 382-396.

Oard, Douglas W., Klavans, Judith, Soergel, Dagobert, Zhang, Pengyi, Brusilovsky, Peter, He, Daqing, Loboda, Tomasz D, Qian, Leiming (2011) Formative Evaluation for Multilingual Multimedia Search and Sense-Making. In: Handbook of Natural Language Processing and Machine Translation: DARPA Global Autonomous Language Exploitation. Springer, New York. ISBN 978-1441977120

He, Daqing, Brusilovsky, Peter, Grady, Jonathan, Ahn, Jae-wook, Yang, Yiming, and Rogati, Monica (2011) EDIE: An Evaluation Dataset for Task-Based Information Exploration. In: Handbook of Natural Language Processing and Machine Translation: DARPA Global Autonomous Language Exploitation. Springer, New York. ISBN 978-1441977120

Sosnovsky, S., Brusilovsky, P., Yudelson, M., Mitrovic, A., Mathews, M., and Kumar, A. (2009) Semantic Integration of Adaptive Educational Systems. In: T. Kuflik, S. Berkovsky, F. Carmagnola, D. Heckmann and A. Krüger (eds.): Advances in Ubiquitous User Modelling. Lecture Notes in Computer Science, Vol. 5830, pp. 134-158

Brusilovsky, P. and Millán, E. (2007) User models for adaptive hypermedia and adaptive educational systems. In: P. Brusilovsky, A. Kobsa and W. Neidl (eds.): *The Adaptive Web: Methods and Strategies of Web Personalization*. Lecture Notes in Computer Science, Vol. 4321, Berlin Heidelberg New York: Springer-Verlag, pp. 3-53.

Brusilovsky, P. (2007) Adaptive navigation support. In: P. Brusilovsky, A. Kobsa and W. Neidl (eds.): *The Adaptive Web: Methods and Strategies of Web Personalization*. Lecture Notes in Computer Science, Vol. 4321, Berlin Heidelberg New York: Springer-Verlag, pp. 263-290.

Brusilovsky, P. and Henze, N. (2007) Open corpus adaptive educational hypermedia. In: P. Brusilovsky, A. Kobsa and W. Neidl (eds.): *The Adaptive Web: Methods and Strategies of Web Personalization*. Lecture Notes in Computer Science, Vol. 4321, Berlin Heidelberg New York: Springer-Verlag, pp. 671-696.

Brusilovsky, P., Wade, V., and Conlan, O. (2007) From Learning Objects to Adaptive Content Services for E-Learning. In: C. Pahl (ed.) Architecture Solutions for E-Learning Systems. Hershey, PA: Idea Group Inc.

Loboda, T., Frengov, A., Kumar, A., and Brusilovsky, P. (2007) Distributed Framework for Adaptive Explanatory Visualization. In: G. Rößling (ed.) Electronic Notes in Theoretical Computer Science, Vol. 178, Amsterdam, The Netherlands: Elsevier Science Publishers, pp. 145-152.

Brusilovsky, P. and Nejdl, W. (2005) Adaptive Hypermedia and Adaptive Web. In: M. P. Singh (ed.) *Practical Handbook of Internet Computing*. Baton Rouge: Chapman Hall & CRC Press, pp. 1.1-1.14.

Brusilovsky, P. (2004) Adaptive Help Systems. In: W. S. Bainbridge (ed.) *Berkshire Encyclopedia of Human-Computer Interaction*. Great Barrington, MA: Berkshire Publishing Group.

Brusilovsky, P. and Rizzo, R. (2004) Accessing Web educational resources from mobile wireless devices: The Knowledge Sea approach. In: F. Crestiani, M. Dunlop and S. Mizzaro (eds.): *Mobile and Ubiquitous Information Access*. Lecture Notes in Computer Science, Vol. 2954, Berlin: Springer Verlag, pp. 54-66.

Brusilovsky, P. (2003) Developing Adaptive Educational Hypermedia Systems: From Design Models to Authoring Tools. In: T. Murray, S. Blessing and S. Ainsworth (eds.): *Authoring Tools for Advanced Technology Learning Environments: Toward cost-effective adaptive, interactive, and intelligent educational software*. Kluwer, pp. 377-409,

Brusilovsky, P. and Miller, P. (2001) Course Delivery Systems for the Virtual University. In: F. T. Tschang and T. Della Senta (eds.): *Access to Knowledge: New Information Technologies and the Emergence of the Virtual University*. Amsterdam: Elsevier Science and International Association of Universities, pp. 167-206.

Brusilovsky, P. (1998) Methods and techniques of adaptive hypermedia. In: P. Brusilovsky, A. Kobsa and J. Vassileva (eds.): *Adaptive Hypertext and Hypermedia*. Dordrecht: Kluwer Academic Publishers, pp. 1-43.

Brusilovsky, P. (1997) Efficient techniques for adaptive hypermedia. In: C. Nicholas and J. Mayfield (eds.): *Intelligent hypertext: Advanced techniques for the World Wide Web*. Lecture Notes in Computer Science, Vol. 1326, Berlin: Springer-Verlag, pp. 12-30.

Brusilovsky, P. (1997). Integrating hypermedia and intelligent tutoring technologies: from systems to authoring tools. In P. Kommers, A. Dovgiallo, V. Petrushin, & P. Brusilovsky (eds) *New media and telematic technologies for education in Eastern European countries*. Twente University Press, Enschede. p. 129-140

Brusilovsky, P., Schwarz, E., and Weber, G. (1997) Electronic textbooks on WWW: from static hypertext to interactivity and adaptivity. In B. H. Khan (Ed.) *Web Based Instruction*, Educational Technology Publications, Englewood Cliffs, New Jersey, p. 255-261.

Brusilovsky, P. (1997) A knowledge-based approach to creating adaptive electronic textbooks. In: M. J. Smith, G. Salvendy and R. J. Koubek (eds.) *Design of Computing Systems: Social and Ergonomic Considerations*. Advances in Human Factors/Ergonomics, 21B, Vol. 2, Amsterdam: Elsevier, pp. 107-110.

Brusilovsky, P. (1996) Adaptive hypermedia, an attempt to analyze and generalize. In P. Brusilovsky, P. Kommers, & N. Streitz (Eds.), *Multimedia, Hypermedia, and Virtual Reality* (Lecture Notes in Computer Science, Vol. 1077). Springer-Verlag, Berlin, 1996, p. 288-304

Brusilovsky, P. (1993) Towards an intelligent environment for learning introductory programming. In: E. Lemut, B. du Boulay, G. Dettori (eds.) *Cognitive models and intelligent learning environments for learning programming*. Springer-Verlag, Berlin, 1993, p.114-124.

Keynote talk papers (not peer-reviewed)

Brusilovsky, P. (2017) From Expert-Driven to Data-Driven Adaptive Learning Peter Brusilovsky, Workshop on Advancing Education with Data at the 23rd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, Halifax, NS, Canada, Aug 14, 2017

Brusilovsky, P. (2017) Intelligent Interfaces for Open Social Student Modeling. In: ACM Workshop on Intelligent Interfaces for Ubiquitous and Smart Learning at IUI'2017, Limassol, Cyprus, ACM, pp. 1-1.

Brusilovsky, P. (2017) Personalization in the Context of Relevance-Based Visualization. Workshop on Exploratory Search and Interactive Data Analytics at IUI'2017, Limassol, Cyprus, ACM, pp. 49-50.

Brusilovsky, P. (2016) Data-Driven Education: Using Learners' Data to Improve Teaching and Learning. 15th International Conference on Web-Based Learning, ICWL 2016, Rome, Italy, October 26–29.

Brusilovsky P. (2014) Addictive links: engaging students through adaptive navigation support and open social student modeling. In Proceedings of Web-based education technologies workshop (WebET 2014) at the 23rd International Conference on World Wide Web

Brusilovsky, P. (2012) The other side of the social web: a taxonomy for social information access. In: Proceedings of the 18th Brazilian symposium on Multimedia and the web, Sao Paulo, Brazil, ACM Press, pp. 1-4,

Brusilovsky, P., Parra, D., Sahebi, S., and Wongchokprasitti, C. (2010) Collaborative Information Finding in Smaller Communities: The Case of Research Talks. In: Proceedings of 6th International ICST Conference on Collaborative Computing: Networking, Applications and Worksharing, Chicago, Illinois, USA October 9-12, 2010.

Ashman, H., Brailsford, T. J., and Brusilovsky, P. (2009) Personal Services: debating the wisdom of personalization (Invited Talk). In: M. Spaniol, Q. Li, R. Klamma and R. W. H. Lau (eds.) Proceedings of 8th Int. Conference on Web-Based Learning, ICWL 2009, Aachen, Germany,19-21 August, 2009, Lecture Notes in Computer Science, vol. 5686, Springer-Verlag, pp. 1-11.

Brusilovsky, P. (2008) Adaptive Navigation Support for Open Corpus Hypermedia Systems. (Invited talk). In: W. Nejdl, J. Kay, P. Pu and E. Herder (eds.) Proceedings of 5th International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (AH'2008), Hannover, Germany, July 29-August 1, 2008, Springer Verlag, pp. 6-8.

Brusilovsky, P. (2008) Social Information Access: The Other Side of the Social Web (Invited talk) In: V. Gefert et al. (eds.) Proceedings of SOFSEM 2008, 34th International Conference on Current Trends in Theory and Practice of Computer Science, High Tatras, Slovakia, January 19-25, 2008.

Brusilovsky, P. (2004). Adaptive educational hypermedia: From generation to generation (Invited talk). Proceedings of 4th Hellenic Conference on Information and Communication Technologies in Education, Athens, Greece, September 29 - October 3, 2004, University of Athens, pp. 19-33.

Brusilovsky, P. (2003) From adaptive hypermedia to the adaptive Web and beyond. In: L. Ardissono and A. Goy (eds.) Proceedings of Symposium on Human-Computer Interaction, HCITALY 2003, Torino, Italy, November 4-5, 2003, University of Turin, pp. 3, also available at http://mc.informatik.uni-hamburg.de/konferenzbaende/mc2003/konferenzband/muc2003-02-brusilovsky.pdf.

Brusilovsky, P. (2003) From adaptive hypermedia to the adaptive Web. In: J. Ziegler and G. Szwillus (eds.) *Interaktion in Bewegung*. (Proceedings of Mensch & Computer 2003, Stuttgart, September 7-10, 2003) Stuttgart, Germany: B. G. Teubner, pp. 21-24, also available at http://mc.informatik.uni-hamburg.de/konferenzbaende/mc2003/konferenzband/muc2003-02-brusilovsky.pdf.

Brusilovsky, P. (2001). Adaptive Educational Hypermedia (Invited talk). In Proceedings of the Tenth International PEG conference, Tampere, Finland, June 23-26, 2001. - pp.8-12.

Brusilovsky, P. (2000). Adaptive hypermedia: From intelligent tutoring systems to Web-based education (Invited talk). In G. Gauthier, C. Frasson, & K. VanLehn (Ed.), *5th International Conference on Intelligent Tutoring Systems (ITS 2000)* (Vol. 1839, pp. 1-7). Berlin: Springer Verlag.

Brusilovsky, P. (1995) Intelligent learning environments for programming: The case for integration and adaptation. Invited talk. In J. Greer (Eds.), Proceedings of AI-ED'95, 7th World Conference on Artificial Intelligence in Education, Washington, DC , 16-19 August 1995. - pp. 1-8

Peer-reviewed conference papers

Tsai, C.-H. and Brusilovsky, P. (2018) Beyond the Ranked List: User-Driven Exploration and Diversification of Social Recommendation. In: Proceedings of 23rd International Conference on Intelligent User Interfaces, Tokyo, Japan, March 07 - 11, 2018 ACM, pp. 239—250 (Honorable Mention)

di Sciascio, C., Brusilovsky, P., and Veas, E. (2018) A Study on User-Controllable Social Exploratory Search. In: Proceedings of 23rd International Conference on Intelligent User Interfaces, Tokyo, Japan, March 07 - 11, 2018 ACM, pp. 353--364. (Best Student Paper Award)

Pollari-Malmi, K., Guerra, J., Brusilovsky, P., Malmi, L., and Sirkiä, T. (2017) On the Value of Using an Interactive Electronic Textbook in an Introductory Programming Course. In: Proceedings of the 17th Koli Calling Conference on Computing Education Research, New York, NY, USA, ACM, pp. 168-172.

Labutov, I., Huang, Y., Brusilovsky, P., and He, D. (2017) Semi-Supervised Techniques for Mining Learning Outcomes and Prerequisites. In: Proceedings of Proceedings of the 23rd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, Halifax, NS, Canada, ACM, pp. 907-915.

Meng, R., Zhao, S., Han, S., He, D., Brusilovsky, P., and Chi, Y. (2017) Deep Keyphrase Generation. In: Proceedings of ACL2017, Annual Meeting of the Association for Computational Linguistics, Vancouver, Canada, July 30-August 4, 2017

Guerra Hollstein, J., Barria Pineda, J., Schunn, C., Bull, S., and Brusilovsky, P. (2017) Fine-Grained Open Learner Models: Complexity Versus Support. In: Proceedings of Proceedings of the 25th Conference on User Modeling, Adaptation and Personalization, Bratislava, Slovakia, ACM, pp. 41-49. (James Chen Best Student Paper Award)

Huang, Y., Guerra Hollstein, J., Barria Pineda, J., and Brusilovsky, P. (2017) Learner Modeling for Integration Skills. In: Proceedings of the 25th Conference on User Modeling, Adaptation and Personalization, Bratislava, Slovakia, ACM, pp. 85-93.

Hosseini, R., Brusilovsky, P., Yudelson, M., and Hellas, A. (2017) Stereotype Modeling for Problem-Solving Performance Predictions in MOOCs and Traditional Courses. In: Proceedings of Proceedings of the 25th Conference on User Modeling, Adaptation and Personalization, Bratislava, Slovakia, ACM, pp. 76-84.

Tsai, C. and Brusilovsky, P. (2017) Leveraging Interfaces to Improve Recommendation Diversity. In: Adjunct proceedings of UMAP '17, 25th Conference on User Modeling, Adaptation and Personalization, Bratislava, Slovakia, ACM, pp. 65-70.

Tsai, C. and Brusilovsky, P. (2017) Providing Control and Transparency in a Social Recommender System for Academic Conferences. In: Proceedings of the 25th Conference on User Modeling, Adaptation and Personalization, Bratislava, Slovakia, ACM, pp. 313-317.

Meng, R., Han, S., Huang, Y., He, D., and Brusilovsky, P. (2016) Knowledge-Based Content Linking for Online Textbooks. In: Proceedings of 2016 IEEE/WIC/ACM International Conference on Web Intelligence, Omaha, Nebraska, USA, 13-16 October 2016, pp. 18-25.

Huang, Y., Yudelson, M., Han, S., He, D., and Brusilovsky, P. (2016) A Framework for Dynamic Knowledge Modeling in Textbook-Based Learning. In: Proceedings of 24th Conference on User Modeling, Adaptation and Personalization (UMAP 2016), Halifax, Canada, July 13-17, 2016, ACM Press, pp. 141-150.

Bull, S., Brusilovsky, P., Guerra, J., and Araujo, R. (2016) Individual and peer comparison open learner model visualisations to identify what to work on next. In: F. Cena, M. Desmarais, D. Dicheva and J. Zhang (eds.) 24th ACM Conference on User Modeling, Adaptation and Personalisation, UMAP 2016, Extended Proceedings (Late Breaking Results), Halifax, Canada, July 13-17, 2016. http://ceur-ws.org/Vol-1618/LBR4.pdf

Hosseini, R. and Brusilovsky, P. (2016) A Comparative Study of Visual Cues for Annotation-Based Navigation Support in Adaptive Educational Hypermedia In: F. Cena, M. Desmarais, D. Dicheva and J. Zhang (eds.) 24th ACM Conference on User Modeling, Adaptation and Personalisation, UMAP 2016, Extended Proceedings (Late Breaking Results), Halifax, Canada, July 13-17, 2016. http://ceur-ws.org/Vol-1618/LBR5.pdf

Sahebi, S., Lin, Y.-R., and Brusilovsky, P. (2016) Tensor Factorization for Student Modeling and Performance Prediction in Unstructured Domain. In: T. Barnes, M. Chi and M. Feng (eds.) Proceedings of the 9th International Conference on Educational Data Mining (EDM 2016), Raleigh, NC, USA, June 29 - July 2, 2016, pp. 502-505.

Guerra, J., Hosseini, R., Somyurek, S., and Brusilovsky, P. (2016) An Intelligent Interface for Learning Content: Combining an Open Learner Model and Social Comparison to Support Self-Regulated Learning and Engagement. In: Proceedings of Proceedings of the 21st International Conference on Intelligent User Interfaces (IUI '16), Sonoma, California, USA, ACM, pp. 152-163.

Hosseini, R., Sirkiä, T., Guerra, J., Brusilovsky, P., and Malmi, L. (2016) Animated Examples as a Practice Content in Java Programming Course. In: Proceedings of the 47th ACM technical symposium on Computer Science Education (SIGCSE 2016), Memphis, Tennessee, USA, March 2-5, 2016, ACM Press, pp. 540-545.

Somyurek, S. and Brusilovsky, P. (2015) Impact of Open Social Student Modeling on Self-Assessment of Performance. In: Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, Kona, HI, USA, October 19-22, 2015, AACE, pp. 1181-1188.

Hosseini, R., Hsiao, I.-H., Guerra, J., and Brusilovsky, P. (2015) What Should I Do Next? Adaptive Sequencing in the Context of Open Social Student Modeling. In: G. Conole, T. Klobučar, C.

Rensing, J. Konert and É. Lavoué (eds.) Proceedings of 10th European Conference on Technology Enhanced Learning (EC-TEL 2015), Toledo, Spain, September 15–18, 2015, pp. 155-168.

Sahebi, S. and Brusilovsky, P. (2015) It Takes Two to Tango: an Exploration of Domain Pairs for Cross-Domain Collaborative Filtering. In: Proceedings of the 2015 ACM conference on Recommender systems, RecSys 2015, Vienna, Austria, ACM, pp. 131-138.

Wongchokprasitti, C., Peltonen, J., Ruotsalo, T., Bandyopadhyay, P., Jacucci, G., and Brusilovsky, P. (2015) User Model in a Box: Cross-System User Model Transfer for Resolving Cold Start Problems. In: F. Ricci, K. Bontcheva, O. Conlan and S. Lawless (eds.) Proceedings of 23nd Conference on User Modeling, Adaptation and Personalization (UMAP 2015), Dublin, Ireland, June 29 - July 3, 2015, Springer Verlag, pp. 289-301.

Brusilovsky, P., Somyurek, S., Guerra, J., Hosseini, R., and Zadorozhny, V. (2015) The Value of Social: Comparing Open Student Modeling and Open Social Student Modeling. In: F. Ricci, K. Bontcheva, O. Conlan and S. Lawless (eds.) Proceedings of 23nd Conference on User Modeling, Adaptation and Personalization (UMAP 2015), Dublin, Ireland, , June 29 - July 3, 2015, Springer Verlag, pp. 44-55.

Han, S., He, D., Yue, Z., and Brusilovsky, P. (2015) Supporting Cross-Device Web Search with Social Navigation-Based Mobile Touch Interactions. In: F. Ricci, K. Bontcheva, O. Conlan and S. Lawless (eds.) Proceedings of 23nd Conference on User Modeling, Adaptation and Personalization (UMAP 2015), Dublin, Ireland, June 29 - July 3, 2015, Springer Verlag, pp. 143-155.

Huang, Y., González-Brenes, J. P., Kumar, R., and Brusilovsky, P. (2015) A Framework for Multifaceted Evaluation of Student Models. In: O. Santos, et al. (eds.) Proceedings of the 8th International Conference on Educational Data Mining (EDM 2015), Madrid, Spain, June 26-29, 2015, pp. 84-91.

Hosseini, R., Hsiao, I.-H., Guerra, J., and Brusilovsky, P. (2015) Off the Beaten Path: The Impact of Adaptive Content Sequencing on Student Navigation in an Open Social Student Modeling Interface. In: C. Conati, N. Heffernan, A. Mitrovic and M. F. Verdejo (eds.): 17th International Conference on Artificial Intelligence in Education, AIED 2015. Lecture Notes in Computer Science, Madrid, Spain, pp. 624-628.

Huang, Y., Gonzalez-Brenes, J. P., and Brusilovsky, P. (2015) Challenges of Using Observational Data to Determine the Importance of Example Usage. In: C. Conati, N. Heffernan, A. Mitrovic and M. F. Verdejo (eds.): 17th International Conference on Artificial Intelligence in Education, AIED 2015. Lecture Notes in Computer Science, Madrid, Spain, pp. 633-637.

Ahn, J., Brusilovsky, P., and Han, S. (2015) Personalized Search: Reconsidering the Value of Open User Models. In: Proceedings of Proceedings of the 20th International Conference on Intelligent User Interfaces, Atlanta, Georgia, USA, ACM, pp. 202-212.

Loboda, T., Guerra, J., Hosseini, R., and Brusilovsky, P. (2014) Mastery Grids: An Open Source Social Educational Progress Visualization. In: S. de Freitas, C. Rensing, P. J. Muñoz Merino and T. Ley (eds.) Proceedings of 9th European Conference on Technology Enhanced Learning (EC-TEL 2014), Graz, Austria, September 16-19, 2014 **(Best paper award).**

Kraker, P., Weißensteiner, P., and Brusilovsky, P. (2014) Altmetrics-based Visualizations Depicting the Evolution of a Knowledge Domain. In: Proceedings of 19th International Conference on Science and Technology Indicators (STI 2014), Leiden, NL.

Huang, Y., Xu, Y., and Brusilovsky, P. (2014) Doing More with Less: Student Modeling and Performance Prediction with Reduced Content Models. In: V. Dimitrova, et al. (eds.) Proceedings of

22nd Conference on User Modeling, Adaptation and Personalization (UMAP 2014), Aalborg, Denmark, July 7-11, 2014, Springer Verlag, pp. 338-349.

González-Brenes, J. P., Huang, Y., and Brusilovsky, P. (2014) General Features in Knowledge Tracing to Model Multiple Subskills, Temporal Item Response Theory, and Expert Knowledge. In: J. Stamper, Z. Pardos, M. Mavrikis and B. M. McLaren (eds.) Proceedings of the 7th International Conference on Educational Data Mining (EDM 2014), London, UK, July 4-7, 2014, pp. 84-91.

Yudelson, M., Hosseini, R., Vihavainen, A., and Brusilovsky, P. (2014) Investigating Automated Student Modeling in a Java MOOC. In: J. Stamper, Z. Pardos, M. Mavrikis and B. M. McLaren (eds.) Proceedings of the 7th International Conference on Educational Data Mining (EDM 2014), London, UK, July 4-7, 2014, pp. 261-264.

Guerra, J., Sahebi, S., Lin, Y.-R., and Brusilovsky, P. (2014) The Problem Solving Genome: Analyzing Sequential Patterns of Student Work with Parameterized Exercises. In: J. Stamper, Z. Pardos, M. Mavrikis and B. M. McLaren (eds.) Proceedings of the 7th International Conference on Educational Data Mining (EDM 2014), London, UK, July 4-7, 2014, pp. 153-160.

Hosseini, R., Vihavainen, A., and Brusilovsky, P. (2014) Exploring Problem Solving Paths in a Java Programming Course. In: Proceedings of Psychology of Programming Interest Group Annual Conference, PPIG 2014, Brighton, UK, June 25-27, 2014.

Sahebi, S., Huang, Y., and Brusilovsky, P. (2014) Predicting Student Performance in Solving Parameterized Exercises. In: S. Trausan-Matu, K. Boyer, M. Crosby and K. Panourgia (eds.) Proceedings of 12th International Conference on Intelligent Tutoring Systems (ITS 2014), Honolulu, HI, USA, June 5-9, 2014, Springer International Publishing, pp. 496-503, also available at http://dx.doi.org/10.1007/978-3-319-07221-0_62

Hosseini, R. and Brusilovsky, P. (2014) Example-Based Problem Solving Support Using concept Analysis of Programming Content. In: S. Trausan-Matu, K. Boyer, M. Crosby and K. Panourgia (eds.) Proceedings of 12th International Conference on Intelligent Tutoring Systems (ITS 2014), Honolulu, HI, USA, June 5-9, 2014, Springer International Publishing. pp. 683-685.

Parra-Santander, D., Brusilovsky, P., and Trattner, C. (2014) See What You Want to See: Visual User-Driven Approach for Hybrid Recommendation. In: Proceedings of Proceedings of the 19th International Conference on Intelligent User Interfaces, Haifa, Israel, ACM, pp. 235-240.

Guerra, J., Sosnovsky, S., and Brusilovsky, P. (2013) When One Textbook is not Enough: Linking Multiple Textbooks Using Probabilistic Topic Models. In: D. Hernández-Leo, T. Ley, R. Klamma and A. Harrer (eds.) Proceedings of 8th European Conference on Technology Enhanced Learning (EC-TEL 2013), Paphos, Cypres, September 17-21, 2013, pp. 125-138.

Brusilovsky, P., Lin, Y., Wongchokprasitti, C., Britell, S., Delcambre, L. M. L., Furuta, R., Chiluka, K., Cassel, L. N., and Fox, E. (2013) Social Navigation Support for Groups in a Community-Based Educational Portal. In: T. Aalberg, C. Papatheodorou, M. Dobreva, G. Tsakonas and C. J. Farrugia (eds.) Proceedings of International Conference on Theory and Practice of Digital Libraries, TPDL 2013, Valletta, Malta, September 22-26, 2013, pp. 429-433.

Brusilovsky, P., Baishya, D., Hosseini, R., Guerra, J., and Liang, M. (2013) KnowledgeZoom for Java: A Concept-Based Exam Study Tool with a Zoomable Open Student Model. In: Proceedings of 2013 IEEE 13th International Conference on Advanced Learning Technologies, Beijing, China, July 15-18, 2013, pp. 275-279. **Best Paper Award**

Dudas, P., de Jongh, M., and Brusilovsky, P. (2013) A Semi-Supervised Approach to Visualizing and Manipulating Overlapping Communities. In: Proceedings of 17th International Conference Information Visualisation, London, UK, July 15-18, 2013, pp. 180-185

Falakmasir, M. H., Pardos, Z. A., Gordon, G. J., and Brusilovsky, P. (2013) A Spectral Learning Approach to Knowledge Tracing. In: S. K. D'Mello, R. A. Calvo and A. Olney (eds.) Proceedings of the 6th International Conference on Educational Data Mining (EDM 2013), Memphis, TN, USA, July 6-9, 2013, pp. 28-34.

Sahebi, S. and Brusilovsky, P. (2013) Cross-Domain Collaborative Recommendation in a Cold-Start Context: The Impact of User Profile Size on the Quality of Recommendation. In: S. Carberry, S. Weibelzahl, A. Micarelli and G. Semeraro (eds.) Proceedings of 21st Conference on User Modeling, Adaptation and Personalization (UMAP 2013), Rome, Italy, June 10-14, 2013, pp. 289-295.

Nov, O., Arazy, O., López, C., and Brusilovsky, P. (2013) Exploring Personality-Targeted UI Design in Online Social Participation Systems. In: Proceedings of the 2013 Annual Conference on Human Factors in Computing Systems, CHI'2013, Paris, France, ACM, pp. 361-370.

Han, S., He, D., Brusilovsky, P., and Yue, Z. (2013) Coauthor prediction for junior researchers. In: Proceedings of Proceedings of the 6th international conference on Social Computing, Behavioral-Cultural Modeling and Prediction, SBP'13, Washington, DC, April 2-5, 2013. , Springer-Verlag, pp. 274-283.

Verbert, K., Parra-Santander, D., Brusilovsky, P., and Duval, E. (2013) Visualizing Recommendations to Support Exploration, Transparency and Controllability. In: Proceedings of international conference on Intelligent user interfaces, IUI '2013, Santa Monica, USA, March 19–22, 2013, ACM Press, pp. 351-362.

López, C., Farzan, R., and Brusilovsky, P. (2013) What Influences the Decision to Participate in Audience-bounded Online Communities. In: Proceedings of iConference'13, Fort Worth, USA.

Dudas, P. M., Ahn, J.-w., de Jongh, M., and Brusilovsky, P. (2013) Visualizing overlapping latent communities using POI-based visualizations. In: Proceedings of iConference'13, Fort Worth, USA, February 12-15, 2013.

López, C., Farzan, R., and Brusilovsky, P. (2012) Personalized Incremental Users' Engagement: Driving Contributions One Step Forward. In: Proceedings of the 17th ACM International Conference on Supporting Group Work, Group 2012, Sanibel Island, FL, USA, October 27-31, 2012, pp. 189-198.

Hsiao, I.-H. and Brusilovsky, P. (2012) Motivational Social Visualizations for Personalized E-Learning. In: Proceedings of 7th European Conference on Technology Enhanced Learning (EC-TEL 2012), Saarbrücken, Germany, pp. 153-165

Sosnovsky, S., Brusilovsky, P., and Hsiao, I.-H. (2012) Adaptation "in the Wild": Ontology-based Personalization of Open-Corpus Learning Material. In: Proceedings of 7th European Conference on Technology Enhanced Learning (EC-TEL 2012), Saarbrücken, Germany, pp. 425-431.

Liang, M., Guerra, J., Marai, G. E., and Brusilovsky, P. (2012) Collaborative E-Learning through Open Social Student Modeling and Progressive Zoom Navigation. In: Proceedings of COLLABORATECOM 2012 - 8th IEEE International Conference on Collaborative Computing: Networking, Applications and Worksharing, Pittsburgh, USA, October 14-16, 2012.

Lee, D. and Brusilovsky, P. (2012) Exploring Social Approach to Recommend Talks at Research Conferences. In: Proceedings of COLLABORATECOM 2012 - 8th IEEE International Conference on Collaborative Computing: Networking, Applications and Worksharing, Pittsburgh, USA, October 14-16, 2012.

Trattner, C., Lin, Y.-L., Parra, D., Yue, Z., Real, W., and Brusilovsky, P. (2012) Evaluating Tag-Based Information Access in Image Collections. In: Proceedings of Proceedings of the 23rd ACM conference on Hypertext and hypermedia, ACM, pp. 113-122.

Hsiao, I.-H., Guerra, J., Parra, D., Bakalov, F., König-Ries, B., and Brusilovsky, P. (2012) Comparative Social Visualization for Personalized E-learning. In: G. Tortora and S. Levialdi (eds.) Proceedings of the Working Conference on Advanced Visual Interfaces, AVI 2012, Capri, Italy, ACM Press, pp. 303-307.

Falakmasir, M. H., Hsiao, I.-H., Mazzola, L., Grant, N., and Brusilovsky, P. (2012) The Impact of Social Performance Visualization on Students. In: Proceedings of 12th IEEE International Conference on Advanced Learning Technologies, Rome, Italy, IEEE, pp. 565-569.

Hsiao, I.-H. and Brusilovsky, P. (2012) Motivational Social Visualizations for Personalized E-Learning. In: Proceedings of 7th European Conference on Technology Enhanced Learning (EC-TEL 2012), Saarbrücken, Germany, pp. 153-165

López, C., Farzan, R., and Brusilovsky, P. (2012) Personalized Incremental Users' Engagement: Driving Contributions One Step Forward. In: Proceedings of the 17th ACM International Conference on Supporting Group Work, Group 2012, Sanibel Island, FL, USA, October 27-31, 2012, pp. 189-198.

Lee, D., Brusilovsky, P., and Schleyer, T. (2011) Recommending Future Collaborators using Social Features and MeSH terms. In: Proceedings of the 74th Annual Meeting of the American Society for Information Science and Technology, New Orleans, Louisiana, USA, October 9-12, 2011.

Brusilovsky, P., Hsiao, I.-H., and Folajimi, Y. (2011) QuizMap: Open Social Student Modeling and Adaptive Navigation Support with TreeMaps. In: Proceedings of 6th European Conference on Technology Enhanced Learning (ECTEL 2011), Springer-Verlag

Lin, Y.-l. and Brusilovsky, P. (2011) Towards open corpus adaptive hypermedia: a study of novelty detection approaches. In: Proceedings of 19th International Conference on User Modeling, Adaptation, and Personalization, UMAP 2011, Girona, Spain, July 11-15, 2011, Springer-Verlag.

Hsiao, I.-H., Bakalov, F., Brusilovsky, P., and König-Ries, B. (2011) Open Social Student Modeling: Visualizing Student Models with Parallel Introspective Views. In: Proceedings of 19th International Conference on User Modeling, Adaptation, and Personalization, UMAP 2011, Girona, Spain, July 11-15, 2011, Springer-Verlag.

Ahn, J. and Brusilovsky, P. (2011) Guiding educational resources for iSchool students with topic-based adaptive visualization. In: Proceedings of 2011 iConference, Seattle, Washington, ACM, pp. 632-633.

Lee, D. and Brusilovsky, P. (2011) Improving recommendations using Watching Networks in a social tagging system. In: Proceedings of iConference 2011, Seattle, WA, USA, ACM, pp. 33-39

Loboda, T. D., Brusilovsky, P., and Brunstein, J. (2011) Inferring Word Relevance from Eye-movements of Readers. In: Proceedings of 2011 International Conference on Intelligent User Interfaces, IUI 2011, Palo Alto, California, USA, 2011, pp. 175-184.

Lin, Y., Ahn, J.-w., Brusilovsky, P., He, D., and Real, W. (2010) ImageSieve: Exploratory Search of Museum Archives with Named Entity-Based Faceted Browsing. In: C. Marshall, E. Toms and A. Grove (eds.) Proceedings of 2010 Annual Meeting of The American Society for Information Science & Technology (ASIS&T 2010), Pittsburgh, PA, October 22-27, 2010. Art. 38.

Brusilovsky, P., Parra, D., Sahebi, S., and Wongchokprasitti, C. (2010) Collaborative Information Finding in Smaller Communities: The Case of Research Talks. In: Proceedings of 6th International ICST Conference on Collaborative Computing: Networking, Applications and Worksharing, Chicago, Illinois, USA October 9-12, 2010.

Lee, D. H. and Brusilovsky, P. (2010) Using Self-Defined Group Activities for Improving Recommendations in Collaborative Tagging Systems. In: Proceedings of 2010 ACM conference on Recommender systems, RecSys '10, Barcelona, Spain, September 26–30, 2010, ACM, pp. 221-224.

Shipman III, F. M., Cassel, L., Fox, E., Furuta, R., Delcambre, L., Brusilovsky, P., Carpenter II, S., Hislop, G., Edwards, S., and Garcia, D. (2010) Ensemble: A Distributed Portal for the Distributed Community of Computing Education. In: J. Jose, M. Lalmas, A. Rauber, F. Sebastiani and I. Frommholz (eds.) Proceedings of 14th European conference on Research and Advanced Technology for Digital Libraries (ECDL'10), Glasgow, UK, September 6-10, 2010, Springer-Verlag, pp. 506-509.

Brusilovsky, P., Cassel, L., Delcambre, L., Fox, E., Furuta, R., Garcia, D., Shipman III, F. M., Bogen, P., and Yudelson, M. (2010) Enhancing Digital Libraries with Social Navigation: The Case of Ensemble. In: J. Jose, M. Lalmas, A. Rauber, F. Sebastiani and I. Frommholz (eds.) Proceedings of 14th European conference on Research and Advanced Technology for Digital Libraries (ECDL'10), Glasgow, UK, September 6-10, 2010, Springer-Verlag, pp. 116-123.

Parra-Santander, D. and Brusilovsky, P. (2010) Improving Collaborative Filtering in Social Tagging Systems for the Recommendation of Scientific Articles. In: Proceedings of 2010 IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology Toronto, Canada, August 31-September 3, 2010, pp. 136-142.

Yudelson, M., Brusilovsky, P., Mitrovic, A., and Mathews, M. (2010) Using Numeric Optimization To Refine Semantic User Model Integration Of Adaptive Educational Systems. In: R. S. J. d. Baker, A. Merceron and P. I. J. Pavlik (eds.) Proceedings of the Third International Conference on Educational Data Mining (EDM 2010), Pittsburgh, PA, June 11-13, 2010, pp. 221-230.

Ahn, J.-w. and Brusilovsky, P. (2010) Can Concept-based User Modeling Improve Adaptive Visualization? In: P. De Bra, A. Kobsa and D. Chin (eds.) Proceedings of 18th International Conference on User Modeling, Adaptation, and Personalization (UMAP 2010), Big Island, HI, USA, June 22-24, 2010, Springer, pp. 4-15.

Fox, E. A., Chen, Y., Akbar, M., Shaffer, C. A., Edwards, S. H., Delcambre, L., Decker, F., Archer, D., Brusilovsky, P., Furuta, R., Shipman, F., Carpenter, S., Garcia, D., and Cassel, L. (2010) Ensemble PDP-8: Eight Principles for Distributed Portals. In: Proceedings of The 10th ACM/IEEE-CS Joint Conference on Digital Libraries, Gold Coast, Queensland, Australia, June 21- 25, 2010, ACM Press, pp. 341-344.

Hsiao, I.-H., Brusilovsky, P., Yudelson, M., and Ortigosa, A. (2010) The Value of Adaptive Link Annotation in E-Learning: A Study of a Portal-Based Approach. In: Proceedings of Proceedings of the 21th ACM conference on Hypertext and Hypermedia, Toronto, Canada, June 13-16, 2010, ACM, pp. 223-227.

Lee, D. H. and Brusilovsky, P. (2010) Social Networks and Interest Similarity: The Case of CiteULike. In: Proceedings of Proceedings of the 21th ACM conference on Hypertext and hypermedia, Toronto, Canada, June 13-16, 2010, ACM, pp. 151-155.

Lee, D. H. and Brusilovsky, P. (2010) Interest Similarity of Group Members: The Case Study of CiteULike. In: Proceedings of the Web Science ACM Conference, Raleigh, NC, USA, April 26 - 27, 2010, pp. http://journal.webscience.org/362/

Brusilovsky, P. and Kim, J. (2009) Enhancing Electronic Books with Spatial Annotation and Social Navigation Support. In: Proceedings of the 5th International Conference on Universal Digital Library (ICUDL 2009), Pittsburgh, PA, November 6-8, 2009.

Parra, D. and Brusilovsky, P. (2009) Collaborative Filtering for Social Tagging Systems: An Experiment with CiteULike. In: Proceedings of the 2009 ACM conference on Recommender systems, RecSys '09, New York, NY, October 22-25, 2009, ACM, pp. 237-240.

Hsiao, I.-H., Sosnovsky, S., and Brusilovsky, P. (2009) Adaptive Navigation Support for Parameterized Questions in Object-Oriented Programming. In: U. Cress, V. Dimitrova and M. Specht (eds.) Proceedings of 4th European Conference on Technology Enhanced Learning (ECTEL 2009), Nice, France, September 29-October 2, 2009, Lecture Notes in Computer Science, vol. 5794, Springer-Verlag, pp. 88-98.

Farzan, R. and Brusilovsky, P. (2009) Social Navigation Support for Information Seeking: If You Build It, Will They Come? In: G.-J. Houben, G. McCalla, F. Pianesi and M. Zancanaro (eds.) Proceedings of 17th International Conference on User Modeling, Adaptation, and Personalization (UMAP 2009), Trento, Italy, June 23-25, 2009, Springer, pp. 66-77.

Lee, D. and Brusilovsky, P. (2009) Reinforcing recommendation using implicit negative feedback. In: G.-J. Houben, G. McCalla, F. Pianesi and M. Zancanaro (eds.) Proceedings of 17th International Conference on User Modeling, Adaptation, and Personalization (UMAP 2009), Trento, Italy, June 23-25, 2009, Springer, pp. 422-427.

Hsiao, I.-H. and Brusilovsky, P. (2008) Modeling Peer Review in Example Annotation. In: Proceedings of 16th International Conference on Computers in Education (ICCE'2008), Taipei, Taiwan, October, 27-31, 2008, pp. 357-362.

Ahn, J.-W. and Brusilovsky, P. (2008) Envisioning user models for adaptive visualization. In: Proceedings of IEEE Symposium on Visual Analytics Science and Technology, VAST '08, pp. 175-176, also available at http://dx.doi.org/10.1109/VAST.2008.4677373 (Poster)

Hsiao, I.-H., Brusilovsky, P., and Sosnovsky, S. (2008) Web-based Parameterized Questions for Object-Oriented Programming. In: Proceedings of World Conference on E-Learning, E-Learn 2008, Las Vegas, USA, November 17-21, 2008, pp. 3728-3735.

Sosnovsky, S., Mitrovic, A., Lee, D. H., Brusilovsky, P., and Yudelson, M. (2008) Ontology-based integration of adaptive educational systems. In: Proceedings of 16th International Conference on Computers in Education (ICCE'2008), Taipei, Taiwan, October, 27-31, 2008, pp. 11-18, also available at http://www.sis.pitt.edu/~sergeys/papers/icce2008_Sosnovsky.pdf.

Loboda, T. D. and Brusilovsky, P. (2008) Adaptation in the Context of Explanatory Visualization. In: Proceedings of 3rd European Conference on Technology Enhanced Education (ECTEL), Maastricht, The Netherlands, September 17-19, 2008, Springer-Verlag, pp. 250-261.

Coyle, M., Freyne, J., Brusilovsky, P., and Smyth, B. (2008) Social Information Access for the Rest of Us: An Exploration of Social YouTube. In: W. Nejdl, J. Kay, P. Pu and E. Herder (eds.) Proceedings of 5th International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (AH'2008), Hannover, Germany, July 29-August 1, 2008, Springer Verlag, pp. 93-102, also available at http://dx.doi.org/10.1007/978-3-540-70987-9_12. **Best Paper Award**

Sosnovsky, S., Brusilovsky, P., Lee, D. H., Zadorozhny, V., and Zhou, X. (2008) Re-assessing the Value of Adaptive Navigation Support in E-Learning. In: W. Nejdl, J. Kay, P. Pu and E. Herder (eds.) Proceedings of 5th International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (AH'2008), Hannover, Germany, July 29-August 1, 2008, Springer Verlag, pp. 193-203, also available at http://dx.doi.org/10.1007/978-3-540-70987-9_22.

Yudelson, M. and Brusilovsky, P. (2008) Adaptive Link Annotation in Distributed Hypermedia Systems: The Evaluation of a Service-Based Approach. In: J. Kay, P. Pu, W. Nejdl and E. Herder (eds.) Proceedings of 5th International Conference on Adaptive Hypermedia and Adaptive Web-

Based Systems (AH'2008), Hannover, Germany, 29 July - 1 August, 2008, Springer Verlag, pp. 245-254, also available at http://dx.doi.org/10.1007/978-3-540-70987-9_27.

Brusilovsky, P., Sosnovsky, S., Lee, D. H., Yudelson, M. V., Zadorozhny, V., and Zhou, X. (2008) An open integrated exploratorium for database courses. In: Proceedings of 13th Annual Conference on Innovation and Technology in Computer Science Education, ITiCSE'2008, Madrid, Spain, June 30-July 2, 2008, ACM Press, pp. 22-26.

Brusilovsky, P., Hsiao, I.-H., Lee, D. H., Sosnovsky, S., and Yudelson, M. (2008) Personalized self-assessment for programming classes. In: Proceedings of Demonstration Program at the 9th International Intelligent Tutoring Systems Conference, ITS'08, Montreal, Canada, June 23-27, 2008, pp. 47-49.

Yudelson, M. and Brusilovsky, P. (2008) Personalized services for accessing interactive learning content. In: Proceedings of Demonstration Program at the 9th International Intelligent Tutoring Systems Conference, ITS'08, Montreal, Canada, June 23-27, 2008, pp. 43-45.

Farzan, R. and Brusilovsky, P. (2008) Where did the Researchers Go? Supporting Social Navigation at a Large Academic Conference. In: Proceedings of The 19th ACM Conference on Hypertext & Hypermedia, Pittsburgh, Pennsylvania, USA, June 19-21, 2008, pp. 203-211.

Kim, J.-K., Farzan, R., and Brusilovsky, P. (2008) Spatial Annotation and Social Navigation Support for Electronic Books. In: Proceedings of The 19th ACM Conference on Hypertext & Hypermedia, Pittsburgh, Pennsylvania, USA, June 19-21, 2008, pp. 233-234.

Brusilovsky, P., Hsiao, I.-H., and Yudelson, M. (2008) Annotated Program Examples as First Class Objects in an Educational Digital Library. In: Proceedings of Joint Conference on Digital Libraries, JCDL 2008, Pittsburgh, Pennsylvania, USA, June 16-20, 2008, pp. 337-340.

Ahn, J.-w., Brusilovsky, P., He, D., Grady, J., and Li, Q. (2008) Personalized Web Exploration with Task Models. In: Proceedings of the 17th international conference on World Wide Web, WWW '08, Beijing, China, April 21-25, 2008, ACM, pp. 1-10.

He, D., Brusilovsky, P., Grady, J., Li, Q., and Ahn, J. (2007) How Up-to-date should it be? The Value of Instant Profiling and Adaptation in Information Filtering. In: T. Y. Lin, et al. (eds.) Proceedings of the 2007 international conference on Web Intelligence, WI '07, Silicon Valey, CA, USA, November 2-5, 2007, IEEE, pp. 699-705.

Ahn, J. and Brusilovsky, P. (2007) From user query to user model and back: Adaptive relevance-based visualization for information foraging. In: T. Y. Lin, et al. (eds.) Proceedings of the 2007 international conference on Web Intelligence, WI '07, Silicon Valey, CA, USA, November 2-5, 2007, IEEE, pp. 706-712.

Brusilovsky, P., Grant, N., Hsiao, S., Moore, K., and Sosnovsky, S. (2007) Personalized E-Learning for Distance Courses in Community Colleges. In: T. Bastiaens and S. Carliner (eds.) Proceedings of World Conference on E-Learning, E-Learn 2007, Quebec City, Canada, October 15-19, 2007, AACE, pp. 226-231.

Meccawy, M., Brusilovsky, P., Ashman, H., Yudelson, M., and Scherbinina, O. (2007) Integrating Interactive Learning Content into an Adaptive E-Learning System: Lessons Learned In: T. Bastiaens and S. Carliner (eds.) Proceedings of World Conference on E-Learning, E-Learn 2007, Quebec City, Canada, October 15-19, 2007, AACE, pp. 6314-6319.

Hsiao, I.-H. and Brusilovsky, P. (2007) Collaborative Example Authoring System: The Value of Re-annotation based on Community Feedback. In: T. Bastiaens and S. Carliner (eds.) Proceedings of World Conference on E-Learning, E-Learn 2007, Quebec City, Canada, October 15-19, 2007, AACE, pp. 7122-7131.

Farzan, R., Coyle, M., Freyne, J., Brusilovsky, P., and Smyth, B. (2007) ASSIST: adaptive social support for information space traversal. In: Proceedings of 18th conference on Hypertext and hypermedia, HT '07, Manchester, UK, 10-12 September, 2007, ACM Press, pp. 199-208.

Yang, Y., Lad, A., Lao, N., Harpale, A., Kisiel, B., Rogati, M., Zhang, J., Carbonell, J., Brusilovsky, P., and He, D. (2007) Utility-based Information Distillation Over Temporally Sequenced Documents. In: Proceedings of 30th annual international ACM SIGIR conference on Research and development in information retrieval, Amsterdam, The Netherlands, July 23 - 27, 2007, ACM Press, pp. 31-38.

Sosnovsky, S., Dolog, P., Henze, N., Brusilovsky, P., and Nejdl, W. (2007) Translation of overlay models of student knowledge for relative domains based on domain ontology mapping. In: R. Luckin, K. R. Koedinger and J. Greer (eds.) Proceedings of 13th International Conference on Artificial Intelligent in Education, AI-ED 2007, Marina Del Rey, CA, July 9-13, 2007, IOS, pp. 289-296.

Yudelson, M., Brusilovsky, P., and Zadorozhny, V. (2007) A User Modeling Server for Contemporary Adaptive Hypermedia: An Evaluation of Push Approach to Evidence Propagation. In: C. Conati, K. McCoy and G. Paliouras (eds.) Proceedings of 11th International Conference on User Modeling, UM 2007, Corfu, Greece, 25-29 June, 2007, Springer Verlag, pp. 27-36.

Lee, D. H. and Brusilovsky, P. (2007) Fighting Information Overflow with Personalized Comprehensive Information Access: A Proactive Job Recommender. In: Proceedings of The Third International Conference on Autonomic and Autonomous Systems, ICAS 2007, Athens, Greece, June 19-25, 2007, IEEE Press.

Wongchokprasitti, C. and Brusilovsky, P. (2007) NewsMe: A Case Study for Adaptive News Systems with Open User Model. In: Proceedings of The Third International Conference on Autonomic and Autonomous Systems, ICAS 2007, Athens, Greece, June 19-25, 2007, IEEE Press.

Ahn, J., Brusilovsky, P., Grady, J., He, D., and Syn, S. Y. (2007) Open user profiles for adaptive news systems: help or harm? In: Proceedings of the 16th international conference on World Wide Web, WWW '07, Banff, Canada, May 8-12, 2007, ACM Press, pp. 11-20.

Freyne, J., Farzan, R., Brusilovsky, P., Smyth, B., and Coyle, M. (2007) Collecting community wisdom: Integrating social search & social navigation. In: Proceedings of International Conference on Intelligent User Interfaces, IUI 2007, Honolulu, HI, USA, January 28- 31, 2007, ACM Press, pp. 52-61.

Bateman, S., Farzan, R., Brusilovsky, P., and McCalla, G. (2006) OATS: The Open Annotation and Tagging System. In: Proceedings of Third Annual International Scientific Conference of the Learning Object Repository Research Network (I2LOR-06), Montreal, Canada, November 8-10, 2006.

Farzan, R. and Brusilovsky, P. (2006) AnnotatEd: A Social Navigation and Annotation Service for Web-based Educational Resources. In: T. C. Reeves and S. F. Yamashita (eds.) Proceedings of World Conference on E-Learning, E-Learn 2006, Honolulu, HI, USA, October 13-17, 2006, AACE, pp. 2794-2802. (*Outstanding Paper Award*)

Krishnamoorthy, G. and Brusilovsky, P. (2006) Personalized Guidance for Example Selection in an Explanatory Visualization System. In: T. C. Reeves and S. F. Yamashita (eds.) Proceedings of World Conference on E-Learning, E-Learn 2006, Honolulu, HI, USA, October 13-17, 2006, AACE, pp. 2122-2127.

Ahn, J.-w., Brusilovsky, P., and Sosnovsky, S. (2006) QuizVIBE: Accessing Educational Objects with Adaptive Relevance-Based Visualization. In: T. C. Reeves and S. F. Yamashita (eds.)

Proceedings of World Conference on E-Learning, E-Learn 2006, Honolulu, HI, USA, October 13-17, 2006, AACE, pp. 2707-2714.

Mertens, R., Brusilovsky, P., Ishchenko, S., and Vornberger, O. (2006) Time and structure based navigation in Web lectures: Bridging a dual media gap. In: T. C. Reeves and S. F. Yamashita (eds.) Proceedings of World Conference on E-Learning, E-Learn 2006, Honolulu, HI, USA, October 13-17, 2006, AACE, pp. 2929-2936. (*Outstanding Paper Award*).

Mertens, R., Farzan, R., and Brusilovsky, P. (2006) Social navigation in web lectures. In: U. K. Wiil, P. J. Nürnberg and J. Rubart (eds.) Proceedings of Seventeenth ACM Conference on Hypertext and Hypermedia (Hypertext 2006), Odense, Denmark, August 25-26, 2006, ACM Press, pp. 41-44.

Brusilovsky, P., Ahn, J.-w., Dumitriu, T., and Yudelson, M. (2006) Adaptive knowledge-based visualization for accessing educational examples. In: B. Ebad, et al. (eds.) Proceedings of Information Visualization, London, UK, July 5-7, 2006, IEEE, pp. 142-147.

Brusilovsky, P. and T. D. Loboda (2006). WADEIn II: A Case for Adaptive Explanatory Visualization. Proceedings of 11th Annual Conference on Innovation and Technology in Computer Science Education, ITiCSE'2006, Bologna, Italy, June 26-28, 2005, ACM Press, pp. 48-52.

Brusilovsky, P., Sosnovsky, S., and Yudelson, M. (2006) Addictive links: The motivational value of adaptive link annotation in educational hypermedia. In: V. Wade, H. Ashman and B. Smyth (eds.) Proceedings of 4th International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (AH'2006), Dublin, Ireland, June 21-23, 2006, Springer Verlag, pp. 51-60.

Farzan, R. and Brusilovsky, P. (2006) Social navigation support in a course recommendation system. In: V. Wade, H. Ashman and B. Smyth (eds.) Proceedings of 4th International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (AH'2006), Dublin, Ireland, June 21-23, 2006, Springer Verlag, pp. 91-100.

Brusilovsky, P., Sosnovsky, S., and Yudelson, M. (2005) Ontology-based framework for user model interoperability in distributed learning environments. In: G. Richards (ed.) Proceedings of World Conference on E-Learning, E-Learn 2005, Vancouver, Canada, October 24-28, 2005, AACE, pp. 2851-2855.

Yudelson, M. and Brusilovsky, P. (2005) Collaborative Paper Exchange. In: G. Richards (ed.) Proceedings of World Conference on E-Learning, E-Learn 2005, Vancouver, Canada, October 24-28, 2005, AACE, pp. 2844-2850.

Ramp, E., De Bra, P., and Brusilovsky, P. (2005) Authoring and delivery of adaptive electronic textbooks made easy. In: G. Richards (ed.) Proceedings of World Conference on E-Learning, E-Learn 2005, Vancouver, Canada, October 24-28, 2005, AACE, pp. 142-149.

Gavrilova, T., Farzan, R., and Brusilovsky, P. (2005) One Practical Algorithm of Creating Teaching Ontologies. In: H. Ruokamo, P. Hyvönen, M. Lehtonen and S. Tella (eds.) Proceedings of Network-Based Education, 12th International Conference, Rovaniemi, Finland, September 15-17, 2005, pp. 29-37.

Ramp, E., De Bra, P., and Brusilovsky, P. (2005) High-Level Translation of Adaptive Hypermedia Applications. In: Proceedings of 16th ACM Conference on Hypertext and Hypermedia (Hypertext 2005), Salzburg, Austria, September 06 - 09, 2005, ACM Press, pp. 129-131.

Farzan, R. and Brusilovsky, P. (2005) Social navigation support through annotation-based group modeling. In: L. Ardissono, P. Brna and A. Mitrovic (eds.) Proceedings of 10th International User Modeling Conference (Edinburgh, UK, July 24-29, 2005). Berlin: Springer Verlag, pp. 463-472.

Brusilovsky, P., Sosnovsky, S., and Shcherbinina, O. (2005) User Modeling in a Distributed E-Learning Architecture. In: L. Ardissono, P. Brna and A. Mitrovic (eds.) Proceedings of 10th International User Modeling Conference (Edinburgh, UK, July 24-29, 2005). Berlin: Springer Verlag, pp. 387-391.

Yudelson, M., Gavrilova, T., and Brusilovsky, P. (2005) Towards user modeling meta-ontology. In: L. Ardissono, P. Brna and A. Mitrovic (eds.) Proceedings of 10th International User Modeling Conference (Edinburgh, UK, July 24-29, 2005). Berlin: Springer Verlag, pp. 448-452.

Yudelson, M. and Brusilovsky, P. (2005) NavEx: Providing Navigation Support for Adaptive Browsing of Annotated Code Examples. In: C.-K. Looi, G. McCalla, B. Bredeweg and J. Breuker (eds.) Proceedings of 12th International Conference on Artificial Intelligence in Education, AI-Ed'2005, (Amsterdam, July 18-22, 2005). Amsterdam: IOS Press, pp. 710-717.

Brusilovsky, P., Sosnovsky, S., Yudelson, M., and Chavan, G. (2005) Interactive Authoring Support for Adaptive Educational Systems. In: C.-K. Looi, G. McCalla, B. Bredeweg and J. Breuker (eds.) Proceedings of 12th International Conference on Artificial Intelligence in Education, AIED'2005 (Amsterdam, July 18-22, 2005). Amsterdam: IOS Press, pp. 96-103.

Brusilovsky, P. and Sosnovsky, S. (2005) Engaging students to work with self-assessment questions: A study of two approaches. In: Proceedings of 10th Annual Conference on Innovation and Technology in Computer Science Education, ITiCSE'2005, Monte de Caparica, Portugal, June 27-29, 2005, ACM Press, pp. 251-255.

Brusilovsky, P., Farzan, R., and Ahn, J. (2005) Comprehensive personalized information access in an educational digital library. In: Proceedings of The 5th ACM/IEEE-CS Joint Conference on Digital Libraries, Denver, CO, June 7-11, 2005, ACM Press, pp. 9-18.

Brusilovsky, P., Sosnovsky, S., and Shcherbinina, O. (2004) QuizGuide: Increasing the Educational Value of Individualized Self-Assessment Quizzes with Adaptive Navigation Support. In: Proceedings of World Conference on E-Learning, E-Learn 2004, Washington, DC, USA, November, 2004, AACE, (1806-1813), *Outstanding Paper Award*

Knapp, J., Gamper, J., and Brusilovsky, P. (2004) Reuse of lexicographic examples in a Web-based learners' dictionary. In: Proceedings of World Conference on E-Learning, E-Learn 2004, Washington, DC, USA, November, 2004, AACE, (776-783).

Brusilovsky, P., Sosnovsky, S., and Yudelson, M. (2004) An Adaptive E-Learning Service for Accessing Interactive Examples. In: Proceedings of World Conference on E-Learning, E-Learn 2004, Washington, DC, USA, November, 2004, AACE,(2556-2561).

Knapp, J., Gamper, J., and Brusilovsky, P. (2004) Multiple use of content in a Web-based language learning system. In: Proceedings of IEEE International Conference on Advanced Learning Technologies, ICALT 2004, Joensuu, Finland, August 30 - September 1, 2004, IEEE Computer Society, 750-752.

Yudelson, M., Brusilovsky, P., and Sosnovsky, S. (2004) Accessing interactive examples with adaptive navigation support. In: Proceedings of IEEE International Conference on Advanced Learning Technologies, ICALT 2004, Joensuu, Finland, August 30 - September 1, 2004, IEEE Computer Society, 842-843.

Brusilovsky, P., Chavan, G., and Farzan, R. (2004) Social adaptive navigation support for open corpus electronic textbooks. In: P. De Bra (ed.) Proceedings of Third International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (AH'2004), Eindhoven, the Netherlands, pp. 24-33.

Brusilovsky, P. and Spring, M. (2004) Adaptive, Engaging, and Explanatory Visualization in a C Programming Course. In: L. Cantoni and C. McLoughlin (eds.) Proceedings of ED-MEDIA'2004 - World Conference on Educational Multimedia, Hypermedia and Telecommunications, Lugano, Switzerland, June 21-26, 2004, AACE, pp. 1264-1271.

Brusilovsky, P. (2004) KnowledgeTree: A distributed architecture for adaptive e-learning. In: Proceedings of The Thirteenth International World Wide Web Conference, WWW 2004, New York, NY, 17-22 May, 2004, ACM Press, pp. 104-113.

De Bra, P., Santic, T., and Brusilovsky, P. (2003) AHA! meets Interbook, and more... In: A. Rossett (ed.) Proceedings of World Conference on E-Learning, E-Learn 2003, Phoenix, AZ, USA, November 7-11, 2003, AACE, pp. 57-64.

Sosnovsky, S., Shcherbinina, O., and Brusilovsky, P. (2003) Web-based parameterized questions as a tool for learning. In: A. Rossett (ed.) Proceedings of World Conference on E-Learning, E-Learn 2003, Phoenix, AZ, USA, November 7-11, 2003, AACE, pp. 309-316.

Brusilovsky, P. (2003) A component-based distributed architecture for adaptive Web-based education. In: U. Hoppe, F. Verdejo and J. Kay (eds.) *Artificial Intelligence in Education: Shaping the Future of Learning through Intelligent Technologies*. (Proceedings of AI-ED'2004, Sydney, Australia, July 20-24, 2004) Amsterdam: OIS Press, pp. 386-388.

Brusilovsky, P. and Nijhawan, H. (2002) A Framework for Adaptive E-Learning Based on Distributed Re-usable Learning Activities. In: M. Driscoll and T. C. Reeves (eds.) Proceedings of World Conference on E-Learning, E-Learn 2002, Montreal, Canada, October 15-19, 2002, AACE, pp. 154-161.

Brusilovsky, P. and Rizzo, R. (2002) Map-based access to multiple educational on-line resources from mobile wireless devices. In: F. Paternò (ed.) *Mobile Human-Computer Interaction*. Lecture Notes in Compuer Science, Vol. 2411, (Proceedings of 4th International Symposium on Mobile Human-Computer Interaction, Mobile HCI 2002, Pisa, Italy, September 18-20, 2002) Berlin: Springer-Verlag, pp. 404-408.

Brusilovsky, P. (2002) Web-based Interactive Visualization in an Information Retrieval Course. In: P. Barker and S. Rebelsky (eds.) Proceedings of ED-MEDIA'2002 - World Conference on Educational Multimedia, Hypermedia and Telecommunications, Denver, CO, June 24-29, 2002, AACE, pp. 198-203.

Pathak, S. and Brusilovsky, P. (2002) Assessing Student Programming Knowledge with Web-based Dynamic Parameterized Quizzes. In: P. Barker and S. Rebelsky (eds.) Proceedings of ED-MEDIA'2002 - World Conference on Educational Multimedia, Hypermedia and Telecommunications, Denver, CO, June 24-29, 2002, AACE, pp. 1548-1553.

Brusilovsky, P. and Rizzo, R. (2002) Map-Based Horizontal Navigation in Educational Hypertext. In: K. M. Anderson, S. Moulthrop and J. Blustein (eds.) Proceedings of 13th ACM Conference on Hypertext and Hypermedia (Hypertext 2002), College Park, MD, June 11-15, 2002, ACM, pp. 1-10. *Ted Nelson Best Newcomer Paper Award*

Brusilovsky, P. and Su, H.-D. (2002) Adaptive Visualization Component of a Distributed Web-based Adaptive Educational System. In: *Intelligent Tutoring Systems*. Vol. 2363, (Proceedings of 6th International Conference on Intelligent Tutoring Systems (ITS'2002), Biarritz, France, June 2-7, 2002) Berlin: Springer-Verlag, pp. 229-238.

Brusilovsky, P. and Cooper, D. W. (2002) Domain, Task, and User Models for an Adaptive Hypermedia Performance Support System. In: Y. Gil and D. B. Leake (eds.) Proceedings of 2002

International Conference on Intelligent User Interfaces, San Francisco, CA, January 13-16, 2002, ACM Press, pp. 23-30.

Brusilovsky, P. (2001) WebEx: Learning from examples in a programming course. In: W. Fowler and J. Hasebrook (eds.) Proceedings of WebNet'2001, World Conference of the WWW and Internet, Orlando, FL, October 23-27, 2001, AACE, pp. 124-129.

Brusilovsky, P. (2001) Maximizing educational opportunity for every type of learner: adaptive hypermedia for Web-based education. In: C. Stephanidis (ed.) *Universal Access in HCI: Towards and Information Society for All*. Vol. 3, (Proceedings of 9th International Conference on Human-Computer Interaction, HCI International'2001, New Orleans, LA, August 8-10, 2001) Mahwah, NJ: Lawrence Erlbaum Associates, pp. 68-72.

Brusilovsky, P., Karagiannidis, C., and Sampson, D. (2001) Adaptive User Interfaces Models and Evaluation. In: Proceedings of 1st Pan-Hellenic Conference on Human-Computer Interaction (PC-HCI 2001), Patras, Greece, December 7-9, 2001.

Karagiannidis, C., Sampson, D., and Brusilovsky, P. (2001) Empirical Evaluation of User Models and User-Adapted Systems: A Layered Evaluation Review. In: Proceedings of 8th Panhellenic Conference on Informatics, Nicosia, Cyprus, November 8-10, 2001, pp. 102-107.

Brusilovsky, P. (2000). Concept-based courseware engineering for large scale Web-based education. In G. Davies, & C. Owen (Eds.), *Proceedings of WebNet'2000, World Conference of the WWW and Internet,* Oct. 30 - Nov. 4, 2000. San Antonio, TX, AACE. - pp. 69-74.

Brusilovsky, P. (2000). Course sequencing for static courses? Applying ITS techniques in large scale Web-based education. In G. Gauthier, C. Frasson, & K. VanLehn (Ed.), *5th International Conference on Intelligent Tutoring System, ITS 2000* (Vol. 1839, pp. 625-634). Berlin: Springer Verlag.

Brusilovsky, P. and Miller, P. (1999) Web-based testing for distance education. In: P. De Bra and J. Leggett (eds.) Proceedings of WebNet'99, World Conference of the WWW and Internet, Honolulu, HI, Oct. 24-30, 1999, AACE, pp. 149-154.

Brusilovsky, P. and Anderson, J. (1998) ACT-R electronic bookshelf: An adaptive system for learning cognitive psychology on the Web. In: Proceedings of The 3rd World Conference of the WWW, Internet, and Intranet, WebNet'98, Orlando, FL, November 7-12, 1998, AACE, pp. 92-97.

Eklund, J. and Brusilovsky, P. (1998) Individualizing Interaction in Web-based Instructional Systems in Higher Education. In: Proceedings of The Apple University Consortium's Academic Conference, Melbourne, Australia, September 27-30, 1998, pp. 27-30.

Ritter, S., Brusilovsky, P., and Medvedeva, O. (1998) Creating more versatile intelligent learning environments with a component-based architecture. In: B. P. Goettl, H. M. Halff, C. L. Redfield and V. J. Shute (eds.) Lecture Notes in Computer Science, Vol. 1452, (Proceedings of 4th International Conference on Intelligent Tutoring Systems (ITS'98), San Antonio, TX, August 16-19, 1998). Berlin: Springer Verlag, pp. 554-563.

Eklund, J., Brusilovsky, P., & Schwarz, E. (1998). A study of adaptive link annotation in educational hypermedia. ED-MEDIA/ED-TELECOM'98 - World Conference on Educational Multimedia/Hypermedia and World Conference on Educational Telecommunications, AACE. 304-309.

Brusilovsky, P., Ritter, S., and Schwarz, E. (1997) Distributed intelligent tutoring on the Web. In: B. du Boulay and R. Mizoguchi (eds.) Proceedings of AI-ED'97, 8th World Conference on Artificial Intelligence in Education, Kobe, Japan, 18-22 August 1997. Amsterdam: IOS, pp. 482-489.

Brusilovsky, P., Eklund, J., and Schwarz, E. (1997) Adaptive Navigation Support in Educational Hypermedia on the World Wide Web. In: S. Howard, J. Hammond and G. Lindgaard (eds.) *Human-Computer Interaction*. (Proceedings of INTERACT97, The 6th IFIP World Conference on Human-Computer Interaction, Sydney, Australia, 14-18 July, 1997) New York: Chapman & Hall, pp. 278-285.

Eklund, J., Brusilovsky, P., and Schwarz, E. (1997) Adaptive Textbooks on the WWW. In: H. Ashman, P. Thistewaite, R. Debreceny and A. Ellis (eds.) Proceedings of AUSWEB97, The Third Australian Conference on the World Wide Web, Queensland, Australia, July 5-9, 1997, Southern Cross University Press, pp. 186-192.

Brusilovsky, P. and Schwarz, E. (1997) User as student: Towards an adaptive interface for advanced Web-based applications. In: A. Jameson, C. Paris and C. Tasso (eds.) Proceedings of 6th International Conference on User Modeling, Chia Laguna, Sardinia, Italy, June 2-5, 1997 Wien: Springer-Verlag, pp. 177-188.

Brusilovsky, P. and Schwarz, E. (1997) Concept-based navigation in educational hypermedia and its implementation on WWW. In: T. Müldner and T. C. Reeves (eds.) Proceedings of ED-MEDIA/ED-TELECOM'97 - World Conference on Educational Multimedia/Hypermedia and World Conference on Educational Telecommunications, Calgary, Canada, June 14-19, 1997, pp. 112-117.

Brusilovsky, P., Schwarz, E. and Weber, G. (1996) A tool for developing adaptive electronic textbooks on WWW . In Proceedings of WebNet'96 -World Conference of the Web Society, June 1-22, 1996. Boston, MA: AACE. - pp. 64-69.

Brusilovsky, P., Pesin, L., and Zyryanov, M. (1996) Adaptive Educational Hypermedia: A knowledge Based Approach. Proceedings of 6th International Conference on Human-Computer Interaction, EWHCI'96. Moscow, Russia, August 12-16, 1996, pp. 67-73.

Brusilovsky, P. and Weber, G. (1996) Collaborative example selection in an intelligent example-based programming environment. In D. C. Edelson, & E. A. Domeshek (Eds.), In Proceedings of International Conference on Learning Sciences, ICLS'96, Evanston, IL, USA, AACE. - pp. 357-362

Brusilovsky, P., Schwarz, E. and Weber, G. (1996) ELM-ART: An intelligent tutoring system on World Wide Web. In C. Frasson, G. Gauthier, & A. Lesgold (Ed.), Third International Conference on Intelligent Tutoring Systems, ITS-96 (Lecture Notes in Computer Science, Vol. 1086). Berlin: Springer Verlag, 1996, pp. 261-269

Schwarz, E., Brusilovsky, P. and Weber, G. (1996) World-wide intelligent textbooks. In Proceedings of ED-TELECOM'96 - World Conference on Educational Telecommunications, June 1-22, 1996. Boston, MA, AACE. - pp. 302-307.

Brusilovsky, P., Specht, M. and Weber, G. (1995) Towards adaptive learning environments. In F. Huber-Wäschle, H. Schauer, & P. Widmayer (Eds.), Proceedings of GISI 95, Zürich, 18-20 September 1995. Berlin, Springer-Verlag. - pp. 322-329 (With Marcus Specht & Gerhard Weber.)

Beaumont, I. and Brusilovsky, P. (1995) Adaptive educational hypermedia: From ideas to real systems. In H. Maurer (Eds.), Proceedings of ED-MEDIA'95 - World conference on educational multimedia and hypermedia, Graz, Austria, June 17-21, 1995. Charlottesville, AACE. - pp. 93-98

Beaumont, I. and Brusilovsky, P. (1995) Educational applications of adaptive hypermedia. In K. Nordby, P. Helmersen, D. J. Gilmore, & S. A. Arnesen (Eds.), Human-Computer Interaction, Proceedings of Interact'95, Lillehamer, Norway, June 27-29, 1995, London, Chapman & Hall. - pp. 410-414.

Brusilovsky, P. and Pesin L. (1995) Visual annotation of links in adaptive hypermedia. In I. Katz, R. Mack, & L. Marks (Eds.), CHI'95 Conference Companion, Denver, May 7-11, 1995. - pp. 222-223. (With L. Pesin)

Brusilovsky, P. (1995) Intelligent tutoring systems for World-Wide Web. In R. Holzapfel (Eds.), Poster proceedings of Third International WWW Conference. Darmstadt, April 10-14, 1995 - pp. 42-45.

Brusilovsky, P. (1994) Adaptive learning with WWW: The Moscow State University Project. In P. Held, & W. F. Kugemann (Eds.), Proceedings of Telematics for Education and Training Conference, Duesseldorf/Neuss, 24-26 November 1994. Amsterdam, IOS. - pp. 252-255

Brusilovsky, P. (1994) Student model centered architecture for intelligent learning environments. In Proc. of Fourth international conference on User Modeling, 15-19 August, Hyannis, MA, USA. User Modeling Inc., 1994. 31-36

Brusilovsky, P. (1994) Explanatory visualization in an educational programming environment: connecting examples with general knowledge. In Blumenthal B., Gornostaev J. and Unger C. (eds) Human-Computer Interaction. 4th International conference EWHCI'94, St. Petersburg, Russia, August 2-6, 1994. Lecture Notes in Computer Science #876, Springer-Verlag, Berlin, 1994, 202-212.

Brusilovsky, P. (1994) Adaptive hypermedia: the state of the art. In P. Brusilovsky (ed.) Proc of East-West international conference on Multimedia, Hypermedia and Virtual Reality, Moscow, Russia, Sept. 14-16, 1994. ICSTI, Moscow. 24-29

Brusilovsky, P., Kouchnirenko, A., Miller, P., and Tomek, I. (1994) Teaching programming to novices: A review of approaches and tools. In T. Ottman, I. Tomek (eds.) Proc. of ED-MEDIA'94 - World conference on educational multimedia and hypermedia. Vancouver, Canada, June 25-30, 1994. 103-110

Brusilovsky, P. and Pesin, L. (1994) ISIS-Tutor: An adaptive hypertext learning environment. Proc. of JCKBSE'94, Japanese-CIS Symposium on knowledge-based software engineering. Pereslavl-Zalesski, Russia, May 10-13, 1994. Tokyo. 83-87

Brusilovsky, P. and Gomma, M. (1994) Knowledge-based visualization in an educational programming environment. Proceedings of JCKBSE'94, Japanese-CIS Symposium on knowledge-based software engineering. Edited by H. Ueno and V. Stefanuk. Pereslavl-Zalesski, Russia, May 10-13, 1994, pp. 170-173.

Brusilovsky P. and Pesin L. (1994) An intelligent learning environment for CDS/ISIS users. In Levonen J.J and Tukianinen M.T. (eds.) Proc. of the interdisciplinary workshop on complex learning in computer environments (CLCE94), Joensuu, Finland, May 16-19, 1994. 29-33.

Brusilovsky P., Burmistrov I., Kaptelinin V. (1993) Structuring the field of HCI: An empirical study of expert representations. - In Bass L.J., Gornostaev J. and Unger C. (eds.) Human-Computer Interaction. Lecture Notes in Computer Science #753, Springer-Verlag, Berlin, 1993, 11-20.

Brusilovsky, P., Pesin, L. and Zyryanov, M. (1993) Towards an adaptive hypermedia component for an intelligent learning environment. In Bass L.J., Gornostaev J. and Unger C. (eds.) Human-Computer Interaction. Lecture Notes in Computer Science #753, Springer-Verlag, Berlin, 1993, 348-358

Brusilovsky, P. (1993) Student as user: Towards an adaptive interface for an intelligent learning environment. - In P. Brna, S. Ohlson and H. Pain (Eds.) Proceedings of AI-ED'93, World Conference on Artificial Intelligence and Education, Edinburgh, 23-27 August 1993, AACE, Charlottesville, p.386-393

Brusilovsky P. (1993) Program visualization as a debugging tool for novices. In: INTERCHI'93 Adjunct Proceedings, Amsterdam, 24-29 April 1993, p.29-30.

Brusilovsky P., Zyryanov M. (1993) Intelligent Tutor, Environment and Manual for Physical Geography. - In: Proceedings of the Seventh International PEG Conference, PEG'93 Conference, July 2-4, 1993, p.63-73.

Brusilovsky, P. (1993) A Framework for Intelligent Knowledge Sequencing and Task Sequencing. In: Frasson C., Gauthier G., and McCalla G. I. (eds.) Intelligent Tutoring Systems, Proceedings of Second International Conference, ITS'92, Montreal, Canada, June 10-12, 1992. - LNCS, N.608, Springer-Verlag, Berlin, 1992, p.499-506.

Brusilovsky P. (1993) Adaptive visualization in an intelligent programming environment. In: J. Gornostaev, (ed.) Proceedings of the East-West International Conference on Human-Computer Interaction, EWHCI'92, St. Petersburg, 4-8 August, 1992, p.46-50.

Peer-reviewed conference demos and posters

Verbert, K., Brusilovsky, P., Wongchokprasitti, C., Parra, D., and Cardoso, B. (2017) Supporting Conference Attendees with Visual Decision Making Interfaces (Demo). In: Companion Proceedings of the 22nd International Conference on Intelligent User Interfaces, Limassol, Cyprus, ACM, pp. 161-164.

Barria-Pineda, J., Guerra, J., Huang, Y., and Brusilovsky, P. (2017) Concept-Level Knowledge Visualization for Supporting Self-Regulated Learning (Demo). In: Companion Proceedings of the 22nd International Conference on Intelligent User Interfaces (IUI '17), Limassol, Cyprus, ACM, pp. 141-144

Hosseini, R. and Brusilovsky, P. (2016) A Comparative Study of Visual Cues for Adaptive Navigation Support. In: Proceedings of Proceedings of the 27th ACM Conference on Hypertext and Social Media, New York, NY, USA, ACM, pp. 323--325.

Huang, Y., Guerra, J., and Brusilovsky, P. (2016) A Data-Driven Framework of Modeling Skill Combinations for Deeper Knowledge Tracing. In: T. Barnes, M. Chi and M. Feng (eds.) Proceedings of the 9th International Conference on Educational Data Mining (EDM 2016), Raleigh, NC, USA, June 29 - July 2, 2016, pp. 593-594.

Tsai, C.-H. and Brusilovsky, P. (2016) A Personalized People Recommender System Using Global Search Approach. In: Proceedings of iConference 2016.

Hosseini, R. and Brusilovsky, P. (2014) Example-Based Problem Solving Support Using concept Analysis of Programming Content. In: S. Trausan-Matu, K. Boyer, M. Crosby and K. Panourgia (eds.) Proceedings of 12th International Conference on Intelligent Tutoring Systems (ITS 2014), Honolulu, HI, USA, June 5-9, 2014, Springer International Publishing. pp. 683-685.

Peer-reviewed workshop papers

Sahebi, S., Brusilovsky, P., and Bobrikov, V. (2017) Cross-Domain Recommendation for Large-Scale Data. In: Proceedings of The 1st Workshop on Intelligent Recommender Systems by Knowledge Transfer & Learning (RecSysKTL) at 11th ACM Conference on Recommender Systems, Cernobbio, Italy, August 27, 2017, pp. 9-15.

Tsai, C.-H. and Brusilovsky, P. (2017) Enhancing Recommendation Diversity Through a Dual Recommendation Interface. In: Proceedings of Joint Workshop on Interfaces and Human Decision Making for Recommender Systems (IntRS'17) at 2017 ACM Conference on Recommender Systems (RecSys'17), Cernobbio, Italy, August 27, 2017, ACM Press, pp. 10-17.

Cardoso, B., Brusilovsky, P., and Verbert, K. (2017) IntersectionExplorer: the Flexibility of Multiple Perspectives. In: Proceedings of Joint Workshop on Interfaces and Human Decision Making for Recommender Systems (IntRS'17) at 2017 ACM Conference on Recommender Systems (RecSys'17), Cernobbio, Italy, August 27, 2017, ACM Press, pp. 16-19.

Chau, H., Barria-Pineda, J., and Brusilovsky, P. (2017) Content Wizard: Concept-Based Recommender System for Instructors of Programming Courses. In: Proceedings of The 4th International Workshop on Educational Recommender Systems at the 25th Conference on User Modeling, Adaptation and Personalization, Bratislava, Slovakia, ACM, pp. 135-140.

Verbert, K., Seipp, K., He, C., Parra, D., Wongchokprasitti, C., and Brusilovsky, P. (2016) Scalable Exploration of Relevance Prospects to Support Decision Making. In: P. Brusilovsky, et al. (eds.) Proceedings of Joint Workshop on Interfaces and Human Decision Making for Recommender Systems at 10th ACM Conference on Recommender Systems, Boston, MA, USA, September 16, 2016, pp. 28-35.

Huang, Y., Guerra-Hollstein, J. D., and Brusilovsky, P. (2016) Modeling Skill Combination Patterns for Deeper Knowledge Tracing. In: F. Cena, M. Desmarais, D. Dicheva and J. Zhang (eds.) Proceedings of Workshop on Personalization Approaches in Learning Environments (PALE 2016) at 24th ACM Conference on User Modeling, Adaptation and Personalisation, UMAP 2016, Halifax, Canada, July 16, 2016.

Guerra, J., Huang, Y., Hosseini, R., and Brusilovsky, P. (2015) Exploring the Effects of Open Social Student Model Beyond Social Comparison Proceedings of The 4th Workshop on Intelligent Support for Learning in Groups at the 17th International Conference on Artificial Intelligence in Education (AIED-ISLG 2015), Madrid, Spain, June 22, 2015.

Guerra, J., Huang, Y., Hosseini, R., and Brusilovsky, P. (2015) Graph Analysis of Student Model Networks. In: C. Conati, N. Heffernan, A. Mitrovic and M. F. Verdejo (eds.) Proceedings of The International Workshop on Graph-Based Educational Data Mining at the 8th International Conference on Educational Data Mining (EDM-GEDM), Madrid, Spain, June 26, 2015.

Huang, Y., Gonzalez-Brenes, J. P., and Brusilovsky, P. (2015) The FAST toolkit for Unsupervised Learning of HMMs with Features. In: The Machine Learning Open Source Software workshop at the 32nd International Conference on Machine Learning (ICML-MLOSS 2015). Lille, France.

Verbert, K., Parra, D., and Brusilovsky, P. (2014) The Effect of Different Set-based Visualizations on User Exploration of Recommendations In: Proceedings of Joint Workshop on Interfaces and Human Decision Making for Recommender Systems (IntRS'14) at 2014 ACM Conference on Recommender Systems (RecSys'14), Silicon Valley, USA, October 6, 2014, ACM Press, pp. 37-44, also available at http://ceur-ws.org/Vol-1253/paper7.pdf.

Khajah, M. M., Huang, Y., González-Brenes, J. P., Mozer, M. C., and Brusilovsky, P. (2014) Integrating Knowledge Tracing and Item Response Theory: A Tale of Two Frameworks. In: I. Cantador, M. Chi, R. Farzan and R. Jäschke (eds.) Proceedings of Workshop on Personalization Approaches in Learning Environments (PALE 2014) at the 22th International Conference on User Modeling, Adaptation, and Personalization, UMAP 2014, Aalborg, Denmark, July 11, 2014, CEUR, pp. 7-12, also available at http://ceur-ws.org/Vol-1181/pale2014_paper_01.pdf.

Sahebi, S., Huang, Y., and Brusilovsky, P. (2014) Parameterized Exercises in Java Programming: Using Knowledge Structure for Performance Prediction. In: Proceedings of The second Workshop on AI-supported Education for Computer Science (AIEDCS) at 12th International Conference on Intelligent Tutoring Systems ITS 2014, Honolulu, Hawaii, June 6 2014, also available at http://d-scholarship.pitt.edu/21915/

Gonzalez-Brenes, J. P., Huang, Y., and Brusilovsky, P. (2013) FAST: Feature-Aware Student Knowledge Tracing. In: Proceedings of NIPS 2013 Workshop on Data Driven Education, Lake Tahoe, NV, December 10, 2013

Guerra, J., Parra, D., and Brusilovsky, P. (2013) Encouraging Online Student Reading with Visualization. In: Proceedings of 2nd Workshop on Intelligent Support for Learning in Groups at the 16th Annual Conference on Artificial Intelligence in Education, AIED 2013, Memphis, TN, USA

Hosseini, R. and Brusilovsky, P. (2013) JavaParser: A Fine-Grain Concept Indexing Tool for Java Problems. In: Proceedings of The First Workshop on AI-supported Education for Computer Science (AIEDCS) at the 16th Annual Conference on Artificial Intelligence in Education, AIED 2013, Memphis, TN, USA, July 13, 2013, pp. 60-63.

de Jongh, M., Dudas, P., and Brusilovsky, P. (2013) Adaptive Visualization of Research Communities. In: Proceedings of 1st International Workshop on User-Adaptive Visualization (WUAV 2-13) at 21th International Conference on User Modeling, Adaptation and Personalization, Rome, Italy.

Liang, M., Guerra, J., and Brusilovsky, P. Building multi-layer social knowledge maps with Google Maps API. In: Masthoff, J., Mobasher, B., Desmarais, M.C. and Nkambou, R. (eds.) Proc. of Workshop on Semantic and Adaptive Social Web (SASWeb 2012) at the 20th International Conference on User Modeling, Adaptation, and Personalization, UMAP 2012, (Montreal, Canada, July 16, 2012), CEUR, v. 872.

López, C. and Brusilovsky, P. (2012) Designing Adaptive Engagement Approaches for Audience-bounded Online Communities. In: Proceedings of Workshop on Design, Influence and Social Technologies (DIST) at CSCW 2012, Seattle, USA.

Ahn, J.-w., Wongsuphasawat, K., and Brusilovsky, P. (2011) Analyzing User Behavior Patterns in Adaptive Exploratory Search Systems with LifeFlow. In: Proceedings of The Fifth Workshop on Human-Computer Interaction and Information Retrieval, Mountain View, California, October 20th, 2011.

Sahebi, S., Wongchokprasitti, C., and Brusilovsky, P. (2010) Recommending research colloquia: a study of several sources for user profiling. In: Proceedings of the 1st International Workshop on Information Heterogeneity and Fusion in Recommender Systems_ (HetRec 2010) at the 2010 ACM conference on Recommender systems, RecSys '10, Barcelona, Spain, September 26–30, 2010, ACM, pp. 32-38 also available at http://doi.acm.org/10.1145/1869446.1869451.

Wongchokprasitti, C., Brusilovsky, P., and Parra, D. (2010) Conference Navigator 2.0: Community-Based Recommendation for Academic Conferences. In: Proceedings of Workshop on Social Recommender Systems at the International Conference on Intelligent User Interfaces (IUI 2010), Hong Kong, China, February 7, 2010 available at http://www.comp.hkbu.edu.hk/~lichen/srs2010/downloads/paper/21-final%20version%20cn20.pdf.

Lee, D. H. and Brusilovsky, P. (2009) Does Trust Influence Information Similarity? In: D. Jannach, et al. (eds.) Proceedings of Workshop on Recommender Systems and the Social Web at the 2009 ACM conference on Recommender systems, RecSys '09, New York, NY, October 25, 2009

Troussov, A., Parra, D., and Brusilovsky, P. (2009) Spreading Activation Approach to Tag-aware Recommenders: Modeling Similarity on Multidimensional Networks. In: D. Jannach, et al. (eds.) Proceedings of Workshop on Recommender Systems and the Social Web at the 2009 ACM conference on Recommender systems, RecSys '09, New York, NY, October 25, 2009

Brusilovsky, P., Mitrovic, A., Sosnovsky, S., Mathews, M., Yudelson, M., Lee, D., and Zadorozhny, V. (2009) Database exploratorium: a semantically integrated adaptive educational system. In: Proceedings of Ubiquitous User Modeling Workshop at the 17th International Conference on User Modeling, Adaptation, and Personalization (UMAP 2009), Trento, Italy, June 22, 2009, also available at http://grapple.ai.cs.uni-sb.de/uploads/media/UbiqUM2009-Proceedings.pdf.

Parra, D. and Brusilovsky, P. (2009) Evaluation of Collaborative Filtering Algorithms for Recommending Articles on CiteULike. In: F. Cena, R. Farzan and P. Lops (eds.) Proceedings of Workshop on Web 3.0: Merging Semantic Web and Social Web 2009 (SW)^2 at Hypertext 2009, Turin, Italy, June 29, 2009, also available at http://ceur-ws.org/Vol-467/paper5.pdf.

Baishya, D. and Brusilovsky, P. (2009) CiteAware: Visual Group Awareness for a Reference Sharing System. In: Proceedings of Visual Interfaces to the Social and the Semantic Web (VISSW 2009) at the International Conference on Intelligent User Interfaces (IUI 2009), Sanibel Island, Florida, February 8, 2009, available at http://www.smart-ui.org/events/vissw2009/papers/VISSW2009-Baishya.pdf.

Kim, J.-K., Farzan, R., and Brusilovsky, P. (2008) Social Navigation and Annotation for Electronic Books. In: J. G. Shanahan, et al. (eds.) Proceedings of BooksOnline 2008 Workshop at the 17th ACM conference on Conference on information and knowledge management: CIKM '08, Napa Valley, CA, USA, October 30, 2008, ACM Press, also available at http://research.microsoft.com/workshops/BooksOnline08/.

Brusilovsky, P., Sosnovsky, S., Yudelson, M., Kumar, A., and Hsiao, I.-H. (2008) User Model Integration in a Distributed Adaptive E-Learning System. In: Proceedings of Workshop on User Model Integration at the 5th International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (AH'2008), Hannover, Germany, July 29, 2008.

Sosnovsky, S., Mitrovic, A., Lee, D. H., Brusilovsky, P., Yudelson, M., Brusilovsky, V., and Sharma, D. (2008) Towards integration of adaptive educational systems: mapping domain models to ontologies. In: D. Dicheva, A. Harrer and R. Mizoguchi (eds.) Proceedings of 6th International Workshop on Ontologies and Semantic Web for E-Learning (SWEL'2008) in conjunction with ITS'2008, Montreal, Canada, June 23, 2008, also available at http://compsci.wssu.edu/iis/swel/SWEL08/Papers/Sosnovsky.pdf.

Coyle, M., Freyne, J., Farzan, R., Smyth, B., and Brusilovsky, P. (2008) Reducing Click Distance through Social Adaptive Interfacing. In: Proceedings of ReColl 2008, International Workshop on Recommendation and Collaboration at 2008 International Conference on Intelligent User Interfaces, IUI 2008, http://userpages.uni-koblenz.de/~openconf/recoll/papers/recoll-12.pdf

Sosnovsky, S., Yudelson, M., and Brusilovsky, P. (2007) Community-oriented Course Authoring to Support Topic-based Student Modeling. In: D. Dicheva, R. Mizoguchi, N. Capuano and A. Harrer (eds.) Proceedings of the Fifth International Workshop on Ontologies and Semantic Web for E-Learning at AIED'2007, Marina Del Rey, CA, USA, pp. 91-100.

Brusilovsky, P., Ahn, J.-w., and Farzan, R. (2007) Accessing Educational Digital Libraries through Adaptive Information Visualization. In: Proceedings of 10th DELOS Workshop on Personalized Access, Profile Management, and Context Awareness in Digital Libraries, PersDL 2007, Corfu, Greece, June 29-30, 2007.

Farzan, R. and Brusilovsky, P. (2007) Community-based Conference Navigator. In: V. Dimitrova, M. Tzagarakis and J. Vassileva (eds.) Proceedings of 1st Workshop on Adaptation and Personalisation in Social Systems: Groups, Teams, Communities at the 11th International Conference on User Modeling, UM 2007, Corfu, Greece, June 26, 2007, pp. 30-39.

Brusilovsky, P. (2003) A distributed architecture for adaptive and intelligent leaning management systems. In: Proceedings of Workshop on Intelligent Learning Management Systems at AI-ED'2004, Sydney, Australia, July 21, 2004, University of Sydney, pp. 106-114.

Brusilovsky, P. and Rizzo, R. (2002) Accessing Web educational resources from mobile wireless devices. In: M.-K. Leong and G. Loudon (eds.) Proceedings of Workshop on Mobile Personal Information Retrieval at the 25th ACM SIGIR Conference, Tampere, Finland, August 10, 2002, pp. 23-31.

Hughes, S., Brusilovsky, P., and Lewis, M. (2002) Adaptive navigation support in 3D e-commerce activities. In: F. Ricci and B. Smyth (eds.) Proceedings of Workshop on Recommendation and Personalization in eCommerce at the 2nd International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (AH'2002), Málaga, Spain, May 28, 2002, pp. 132-139.

Brusilovsky, P., Karagianidis, C., and Sampson, D. (2001) The benefits of layered evaluation of adaptive applications and services. In: S. Weibelzahl, D. Chin and G. Weber (eds.) Proceedings of Workshop on Empirical Evaluation of Adaptive Systems, Sonthofen, Germany, July 13, 2001, Pedagogical University of Freiburg, pp. 1-8.

Brusilovsky, P. and Cooper, D. W. (1999) ADAPTS: Adaptive hypermedia for a Web-based performance support system. In: P. Brusilovsky and P. De Bra (eds.) Proceedings of Second Workshop on Adaptive Systems and User Modeling on WWW at 8th International Word Wide Web Conference and 7-th International Conference on User Modeling, Toronto and Banff, Canada, May 11 and June 23-24, 1999, Computing Science Report # 99-07, Eindhoven University of Technology, Eindhoven.

Brusilovsky, P. (1998) Adaptive Educational Systems on the World-Wide-Web: A Review of Available Technologies. Workshop "WWW-Based Tutoring" at 4th International Conference on Intelligent Tutoring Systems (ITS'98).

Eklund, J. and Brusilovsky, P. (1998) The value of adaptivity in hypermedia learning environments: A short review of empirical evidence. In: P. Brusilovsky and P. De Bra (eds.) Proceedings of Second Adaptive Hypertext and Hypermedia Workshop at the Ninth ACM International Hypertext Conference Hypertext'98, Pittsburgh, PA, June 20, 1998, Computing Science Report # 98/12, Eindhoven University of Technology, Eindhoven. pp. 13-19.

Brusilovsky, P. (1998) Adaptive educational systems on the World Wide Web. In: G. Ayala (ed.) Proceedings of Workshop "Current Trends and Applications of Artificial Intelligence in Education" at the 4th World Congress on Expert Systems, Mexico City, Mexico, March 16, 1998, ITESM, pp. 9-16.

Brusilovsky, P., Schwarz E., and Weber, G. (1996) A Tool for Developing Hypermedia-Based ITS on WWW. Proceedings of Workshop on Architectures and Methods for Designing Cost-Effective and Reusable ITSs held at ITS'96, Third International Conference on Intelligent Tutoring Systems, Montreal, Canada, June 10, 1996.

Brusilovsky, P. (1995) Integrating Hypermedia and Intelligent Tutoring Technologies: From Systems to Authoring Tools. Proceedings of AI-ED-95 Workshop on Authoring Shells for Intelligent Tutoring Systems, Washington, DC, 16 August 1995.

Edited workshop and conference proceedings

Brusilovsky, P., de Gemmis, M., Felfernig, A., Lops, P., O'Donovan, J., Tintarev, N., and Willemsen, M. C. (eds.) (2016) Proceedings of Joint Workshop on Interfaces and Human Decision Making for Recommender Systems at 11th ACM Conference on Recommender Systems. CEUR Workshop Proceedings, Vol. 1884, Como, Italy: CEUR.

Brusilovsky, P., Felfernig, A., Lops, P., O'Donovan, J., Semeraro, G., Tintarev, N., and Willemsen, M. C. (2016) Proceedings of Joint Workshop on Interfaces and Human Decision Making for Recommender Systems at 10th ACM Conference on Recommender Systems. Boston, MA, USA, September 16, 2016.

O'Donovan, J., Felfernig, A., Tintarev, N., Brusilovsky, P., Semeraro, G., and Lops, P. (eds.) (2015) Proceedings of the Joint Workshop on Interfaces and Human Decision Making for Recommender Systems co-located with ACM Conference on Recommender Systems (RecSys 2015). CEUR Workshop Proceedings, Vol. 1438, Vienna, Austria.

Trattner, C., Parra, D., Brusilovsky, P., and Balby Marinho, L. (eds.) (2015) Proceedings of the International Workshop on Social Personalisation & Search co-located with the 38th Annual ACM SIGIR Conference (SIGIR 2015). CEUR Workshop Proceedings, Vol. 1421, Santiago de Chile, Chile

Tintarev, N., O'Donovan, J., Brusilovsky, P., Felfernig, A., Semeraro, G., and Lops, P. (eds.) (2014) Proceedings of Joint Workshop on Interfaces and Human Decision Making for Recommender Systems at ACM Conference on Recommender Systems, RecSys 2014. CEUR Workshop Proceedings, Vol. 1253.

Steichen, B., Ruotsalo, T., Agosti, M., Jacucci, G., Lawless, S., Brusilovsky, P., Wade, V., Kaski, S., and Barral, O. (eds.) (2014) Proceedings of Joint Workshop on Personalised Information Access (PIA 2014) at 22nd Conference on User Modeling, Adaptation and Personalization (UMAP 2014). Aalborg, Denmark: Springer Verlag.

Brusilovsky, P., Balby Marinho, L., Parra, D., Scheihing, E., and Trattner, C. (eds.) (2014) Proceedings of Social Personalisation Workshop (SP2014) co-located with the 27th 25th ACM Hypertext and Social Media Conference. CEUR Workshop Proceedings, Vol. 1210, Santiago de Chile, Chile.

Kazai, G., Landoni, M., Brusilovsky, P., and Eickhoff, C. (2012) Proceedings of the 5th ACM workshop on Research advances in Large Digital Book Repositories and Complementary Media (BooksOnline'12) at 21st ACM International Conference on Information and Knowledge Management (CIKM 2012). Maui, USA.

Cantador, I., Brusilovsky, P., and Kuflik, T. (eds.) (2011) Proceedings of the 2nd International Workshop on Information Heterogeneity and Fusion in Recommender Systems at the 5th ACM Conference on Recommender Systems, RecSys 2011, October 27, 2011. Chicago, USA.

Kazai, G., Eickhoff, C., and Brusilovsky, P. (2011) Proceedings of the 4th ACM workshop on Online books, complementary social media and crowdsourcing. Glasgow, UK: ACM Press.

Kazai, G. and Brusilovsky, P. (eds.) (2010) Proceedings of the 3rd Workshop om Research advances in large digital book repositories and complementary media (BooksOnline 2010) at the 19th ACM International Conference on Information and Knowledge Management, CIKM 2010, October 26, 2010. Toronto, Canada.

Brusilovsky, P., Cantador, I., Koren, Y., Kuflik, T., and Weimer, M. (eds.) (2010) Proceedings of the International Workshop on Information Heterogeneity and Fusion in Recommender Systems at the 4th ACM Conference on Recommender Systems, RecSys 2010, September 30, 2010. Barcelona, Spain.

Goldin, I., Brusilovsky, P., Schunn, C. D., Ashley, K., and Hsiao, I.-H. (eds.) (2010) Proceedings of the Workshop on Computer-Supported Peer Review in Education (CSPRED) at the Tenth International Conference on Intelligent Tutoring Systems, ITS 2010, June 14, 2010, Pittsburgh, PA.

Brusilovsky, P., Grigoriadou, M., and Papanikolaou, K. (eds.) (2007) Proceedings of the Workshop on Personalization in E-learning Environments at Individual and Group Level at the 11th International Conference on User Modeling, UM 2007, June 25, 2007. Corfu, Greece.

Brusilovsky, P., J. Dron and J. Kurhila, Eds. (2006). Proceedings of the Workshop on the Social Navigation and Community-Based Adaptation Technologies (SNC-BAT 2006) at the 4th International Conference on Adaptive Hypermedia and Adaptive Web-based Systems, June 20th, 2006. Dublin, Ireland.

Brusilovsky, P., C. Callaway and A. Nürnberger, Eds. (2005). Proceedings of the Workshop on New Technologies for Personalized Information Access (PIA 2005) at the 10th Int. Conf. on User Modeling (UM'05), July 24-25, 2005, Edinburgh, UK.

Brusilovsky, P., R. Conejo and E. Millán, Eds. (2005). Proceedings of 2nd Workshop on Adaptive Systems for Web-based Education, WASWBE 2005, at 12th International Conference on Artificial Intelligence in Education (AIED'2005), July 18, 2005, Amsterdam, the Netherlands.

Brusilovsky, P., Henze, N., and Millán, E. (eds.) (2002) Proceedings of the workshop on Adaptive Systems for Web-Based Education at the 2nd International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (AH'2002). Málaga, Spain: University of Malaga, available at http://www.lcc.uma.es/~eva/WASWBE/main.html.

Paul De Bra, Peter Brusilovsky, and Alfred Kobsa (eds.) (2001 Proceedings of Third Workshop on Adaptive Hypertext and Hypermedia Twelfth ACM Conference on Hypertext and Hypermedia , Hypertext'2001 8-th International Conference on User Modeling. Computing Science Report 01/11, Eindhoven University of Technology, Eindhoven, the Niederlands.

Brusilovsky, P. and De Bra, P. (eds.) (1999) Proceedings of the Second Workshop on Adaptive Systems and User Modeling on WWW at 8th International Word Wide Web Conference and 7-th International Conference on User Modeling. *Computer Science Report # 99-07*, Eindhoven University of Technology. http://wwwis.win.tue.nl/asum99/contents.html

Brusilovsky, P. and De Bra, P. (eds.) (1998) Proceedings of the Second Workshop on Adaptive Hypertext and Hypermedia at Ninth ACM International Hypertext Conference Hypertext'98, Report No. 98/12: *Computer Science Reports*, Eindhoven University of Technology. http://wwwis.win.tue.nl/ah98/Proceedings.html

Milosavljevic, M., Brusilovsky, P., Moore, J. D., Oberlander, J., and Stock, O. (eds.) (1997), Proceedings of the Flexible Hypertext Workshop at Hypertext'97, the Eighth ACM International Hypertext Conference, April 6-11 1997. Southampton, UK. Macquarie University Technical Report C/TR97-06., http://www.mri.mq.edu.au/~mariam/flexht

Brusilovsky, P., Nakabayashi, K., and Ritter, S. (eds.) (1997), Proceedings of the Workshop "Intelligent Educational Systems on the World Wide Web" at AI-ED'97, 8th World Conference on Artificial Intelligence in Education. Kobe, Japan. ISIR. http://www.contrib.andrew.cmu.edu/~plb/AIED97_workshop/

Brusilovsky, P., Fink, J., and Kay, J. (eds.) (1997) Proceedings of the Workshop "Adaptive Systems and User Modeling on the World Wide Web" at 6th International Conference on User Modeling, UM97. Carnegie Mellon Online. http://www.contrib.andrew.cmu.edu/~plb/UM97_workshop/

Brusilovsky, P. (Ed.) (1994) Proceedings of East-West International Conference on Multimedia, Hypermedia and Virtual Reality, Moscow, Russia, Sept. 14-16, 1994. ICSTI, Moscow.

Brusilovsky, P., Dikareva, S., Greer, J., and Petrushin, V. (Eds.) (1994) Proceedings of 3-rd East-West Conference on Computer Technologies in Education (EW-ED'94). Crimea, Ukraine, September 1994.

Brusilovsky, P. and Stefanuk, V. (Eds.) (1992) Proceedings of East-West Conference on Emerging Computer Technologies in Education, Moscow, 6-9 April, 1992. ICSTI, Moscow.

VIII University and School Service

School and Program Service
Chair, Graduate Information Science and Technology program (2013-2016)
SIS Council Member (2008-2010)
DIST and GIST Curriculum Committee Chair (2004-2013)
Digital Libraries Colloquium Chair (2001-2013)
DIST and GIST PhD Committee Member (2000-Current)
MSIS Admission Committee (2000-2004)

Service to the University of Pittsburgh
Member, Advisory Council on Instructional Excellence (2006-2010)

IX Professional Service

Professional Societies
User Modeling, Inc. (Former President)

Association for Computing Machinery,

- Special Interest Group on Hypertext, Hypermedia and the Web (Executive Committee Member since 2009)
- Special Interest Group on Computer Human Interaction
- Special Interest Group on Computer Science Education

Institute of Electrical and Electronics Engineers

- Computer Society
- Educational Society

International Artificial Intelligence in Education Society (Former Executive Committee Member)

Editorial work
Current:

Editor-in-Chief, IEEE Transactions on Learning Technologies (since 2013)

International Journal of Artificial Intelligence in Education (Editorial board) Since 2015

ACM Transactions on Social Computing – founding AE, Since 2016

User Modeling and User-Adapted Interaction, Springer Verlag (Editorial Board)

New Review of Hypermedia and Multimedia, Taylor Francis (Editorial Board)

International Journal on Digital Libraries, Springer (Editorial Board) Since 2011

The Journal of Universal Computer Science, (Board of Editors)

Past:

Associate Editor-in-Chief, IEEE Transactions on Learning Technologies (2008-2012)

Co-Editor: Technology, Instruction, Cognition and Learning, OCP Science Publishers (2005-2007)

International Journal on E-Learning, AACE (Editorial Board, retired in 2015)

Web Intelligence and Agent Systems, IOS Press (Editorial Board, retired in 2015)

ACM Transactions on the Web (Founding Associate Editor, retired in April 2013)

Computers in Human Behavior, Pergamon Press (Editorial Board – Retired in 2008)

Guest Editor

Guest editor: Special issue of *User Modeling and User-Adapted Interaction* on Social Personalization (2013)

Guest editor: Special issue of *The New Review of Hypermedia and Multimedia* on Adaptive Hypermedia (Spring 2009)

Guest Editor: Special Issue of *ACM Journal on Educational Resources in Computing* on Automated Assessment of Programming Assignments (Fall 2005)

Guest editor: Special issue of *The New Review of Hypermedia and Multimedia* on Adaptive Hypermedia and the Adaptive Web (Fall 2004)

Guest editor: Special issue of *User Modeling and User-Adapted Interaction* on Adaptive Web Information Retrieval (2004)

Guest editor: Special issue of the *Communications of the ACM* on Adaptive Web (May 2002)

Guest editor: Special issue of *International Journal of Artificial Intelligence in Education* on Adaptive and Intelligent Web-based Educational Systems (Fall 2001 – Spring 2003)

Guest editor: Special issue of *The New Review of Hypermedia and Multimedia* on Adaptive Hypermedia (Fall1998)

Guest editor: Special issue of *User Modeling and User-Adapted Interaction* on Adaptive Hypermedia (July 1996)

Program Committees for International Conferences:

2018   12th ACM Conference on Recommender Systems, RecSys 2018 (Canada)

2018   25th International Conference on User Modeling, Adaptation, and Personalization, UMAP 2018, (Singapore) **Track Chair**

2018   23rd ACM Annual Conference on Intelligent User Interfaces, IUI 2018 (Japan)

2017   11th ACM Conference on Recommender Systems, RecSys 2017 (Italy)

2017   24th International Conference on User Modeling, Adaptation, and Personalization, UMAP 2017, (Slovakia) **Track Chair**

2017   27th International World Wide Web Conference, WWW 2017 (Australia)

2017   22nd ACM Annual Conference on Intelligent User Interfaces, IUI 2017 (Cyprus) **Student Consortium Chair**

2016   10th ACM Conference on Recommender Systems, RecSys 2016 (USA)

2016   24th International Conference on User Modeling, Adaptation, and Personalization, UMAP 2016, (Canada)

2016   27th ACM Conference on Hypertext and Social Media, Hypertext 2016 (Canada)

2016   25th International World Wide Web Conference, WWW 2016 (Canada)

2016   Learning Analytics and Knowledge, LAK 2016 (UK)

2016   21st ACM Annual Conference on Intelligent User Interfaces, IUI 2016 (USA)

2016   1st ACM Conference on Human Information Interaction and Retrieval (CHIIR 2016)

2015   9th ACM Conference on Recommender Systems, RecSys 2015 (Austria)

2015   9th European Conference on Technology Enhanced Learning, ECTEL 2015 (Spain)

2015   26th ACM Conference on Hypertext and Social Media, Hypertext 2015 (Cyprus)

2015   23rd International Conference on User Modeling, Adaptation, and Personalization, UMAP 2015 (Ireland)

2013   17th International Conference on Artificial Intelligence in Education, AIED 2015 (Spain)

2015   24 International World Wide Web Conference, WWW 2015 (Italy)

2015   Learning Analytics and Knowledge, LAK 2015 (USA)

2014   8th European Conference on Technology Enhanced Learning, ECTEL 2014 (Austria)

2014   25th ACM Conference on Hypertext and Social Media, Hypertext 2014 (Chile)

2014   22nd International Conference on User Modeling, Adaptation, and Personalization, UMAP 2012 (Denmark)

2014   12th International Conference on Intelligent Tutoring Systems, ITS 2014 (USA)

2014   Learning Analytics and Knowledge, LAK 2014 (USA)

2014   23 International World Wide Web Conference, WWW 2014 (Korea)

2013   7th ACM Conference on Recommender Systems, RecSys 2013 (China)

2013   IEEE/WIC/ACM International Conference on Web Intelligence, WI 2013 (USA)

2013   I-Know 2013 (Austria)

2013   8th European Conference on Technology Enhanced Learning, ECTEL 2013 (Cyprus)

2013   16th International Conference on Artificial Intelligence in Education, AIED 2013 (USA)

2013   21st International Conference on User Modeling, Adaptation, and Personalization, UMAP 2013 (Italy)

2013   24th ACM Conference on Hypertext and Social Media, Hypertext 2013 (France)

2013   22 International World Wide Web Conference, WWW 2013 (Brazil)

2013   iConference 2013 (USA)

2013   Learning Analytics and Knowledge, LAK 2013 (Belgium)

2012   IEEE/WIC/ACM International Conference on Web Intelligence, WI 2012 (Macau)

2012   6th ACM Conference on Recommender Systems, RecSys 2012 (Ireland)

2012   7th European Conference on Technology Enhanced Learning, ECTEL 2012 (Germany)

2012   20th International Conference on User Modeling, Adaptation, and Personalization, UMAP 2012 (Canada)

2012   23rd ACM Conference on Hypertext and Social Media, Hypertext 2012 (USA)

2012   11th International Conference on Intelligent Tutoring Systems, ITS 2012 (Greece)

2012   Learning Analytics and Knowledge 2012, Canada

2012   21st International World Wide Web Conference, WWW 2012 (France)

2011   10th Mexican International Conference on Artificial Intelligence. MICAI 2011

2011   5th ACM Conference on Recommender Systems, RecSys 2011 (USA)

2011   6th European Conference on Technology Enhanced Learning, ECTEL 2011 (Italy)

2011   IEEE/WIC/ACM International Conference on Web Intelligence, WI 2011 (France)

2011   19th International Conference on User Modeling, Adaptation, and Personalization, UMAP 2011 (Spain)

2011   15th International Conference on Artificial Intelligence in Education, AIED 2011 (New Zealand)

2011   22nd ACM Hypertext Conference, Hypertext 2011 (The Netherlands) **Track Chair**

2011   20th International World Wide Web Conference (India)

2010   ACM 19th Conference on Information and Knowledge Management, CIKM 2010 (Canada)

2010   5th European Conference on Technology Enhanced Learning, ECTEL 2010 (Spain)

2010   4th International ACM Conference on Recommender Systems, RecSys 2010 (Spain)

2010   IEEE/WIC/ACM International Conference on Web Intelligence (Canada)

2010   6th Intertnational Conference on Collaborative Computing, CollaborateCom 2010 (USA)

2010 33rd Annual ACM SIGIR Conference (Switzerland)

2010   18th International Conference on User Modeling, Adaptation, and Personalization, UMAP 2010 (USA)

2010 21th ACM Conference on Hypertext and Hypermedia, Hypertext 2010 (Canada)

2010 10th International Conference on Intelligent Tutoring Systems, ITS 2010 (USA)

2010 Adaptivity, Personalization and Fusion of Heterogeneous Information, RIAO 2010 (France)

2009   4th European Conference on Technology Enhanced Learning, ECTEL 2009 (France)

2009   3rd International ACM Conference on Recommender Systems, RecSys 2009 (USA)

2009   IEEE/WIC/ACM International Conference on Web Intelligence (Italy)

2009   ACM 18th Conference on Information and Knowledge Management, CIKM 2009 (China)

2009   World Conference on E-Learning, E-Learn 2009 (USA)

2009   14th International Conference on Artificial Intelligence in Education, AIED 2009 (UK)

2009   17th International Conference on User Modeling, Adaptation, and Personalization, UMAP 2009 (Italy) **Industrial Track Chair**

2009 20th ACM Conference on Hypertext and Hypermedia, Hypertext 2009 (Italy) **Track Chair**

2008   IEEE/WIC/ACM International Conference on Web Intelligence (Australia)

2008   2nd International ACM Conference on Recommender Systems, RecSys 2008 (Switzerland)

2008   ACM 17th Conference on Information and Knowledge Management, CIKM 2008 (USA)

2008   World Conference on E-Learning, E-Learn 2008 (USA)

2008   3rd European Conference on Technology Enhanced Learning, ECTEL 2008 (the Netherlands)

2008   5th International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems, AH 2008 (Germany)

2008   The 17th International World Wide Web Conference (Canada)

2008   International Working Conference on Advanced Visual Interfaces, AVI'2008 (Italy)

2008   9h International Conference on Intelligent Tutoring Systems, ITS'2008 (Canada)

2008   34th International Conference on Current Trends in Theory and Practice of Computer Science SOFSEM 2008 (Slovakia)

2007   IEEE/WIC/ACM International Conference on Web Intelligence, WI-07 (USA)

2007   ACM Sixteenth Conference on Information and Knowledge Management, CIKM 2007 (Portugal)

2007   World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, E-Learn 2007 (Canada)

2007   ACM Recommender Systems conference, RecSys 2007 (USA)

2007   2nd European Conference on Technology Enhanced Learning, ECTEL 2007 (Greece)

2007   18th ACM Conference on Hypertext and Hypermedia, Hypertext 2007 (UK)

2007   13th International Conference on Artificial Intelligence in Education, AIED 2007 (USA)

2007   The 11th International Conference on User Modeling, UM'07 (Greece)

2007   The 16th International World Wide Web Conference (Canada)

2006   IEEE/WIC/ACM International Conference on Web Intelligence, WI-06 (Hong Kong)

2006   ACM 15th Conference in Information and Knowledge Management, CIKM 2006 (USA)

2006   First European Conference on Technology Enhanced Learning (Greece)

2006   World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, E-Learn 2006 (USA)

2006   8h International Conference on Intelligent Tutoring Systems, ITS'2006 (Taiwan)

2006   4th International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (Ireland)

2006   The 15th International World Wide Web Conference (UK)

2006   International Working Conference on Advanced Visual Interfaces, AVI'2006, Italy

2005   World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, E-Learn 2005 (Canada)

2005   Net-Based Education (Formerly PEG) (Finland)

2005   IADIS International conference WWW/Internet 2005, ICWI 2005 (Portugal)

2005   IEEE/WIC/ACM International Conference on Web Intelligence, WI 2005 (France)

2005   The 14th International World Wide Web Conference (Japan)

2005   12th International Conference on Artificial Intelligence in Education, AI-ED'2005, (the Netherlands)

2005   The 10th International Conference on User Modeling, UM'05 (U.K.)

2004   World Conference on Educational Multimedia, Hypermedia, and Telecommunications, ED-MEDIA'2005 (Canada)

2004   The 3rd International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems, AH'2004 (the Netherlands)

2004 IEEE/WIC/ACM International Conference on Web Intelligence, WI 2004 (China), **Vice Chair of PC**

2004 The 15th ACM Conference on Hypertext and Hypermedia, Hypertext'04 (USA)

2004 7th International Conference on Intelligent Tutoring Systems, ITS'2004 (Brazil)

2004 IADIS International Conference WWW/Internet, ICWI'04 (Spain)

2004 World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, E-Learn 2004 (USA)

2004 3rd International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (the Netherlands)

2004 World Conference on Educational Multimedia, Hypermedia, and Telecommunications, ED-MEDIA'2004 (Switzerland)

2004 The 13th International World Wide Web Conference (USA), **Co-Chair of Educational Track**

2004 7th International Working Conference on Advanced Visual Interfaces, AVI'2004 (Italy)

2003 IADIS International Conference WWW/Internet 2003, ICWI'03 (Portugal)

2003 World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, E-Learn 2003 (USA)

2003 The Fourteenth ACM Conference on Hypertext and Hypermedia, Hypertext'03 (UK)

2003 The Twelfth International World Wide Web Conference (Hungary)

2003 Fourth International Conference on Intelligent Text Processing and Computational Linguistics, CICLing'2003 (Mexico)

2003 The Eleventh International PEG Conference (Russia)

2002 World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, E-Learn'02 (Canada)

2002 IADIS International Conference WWW/Internet 2002, ICWI'02 (Portugal)

2002   Fifth Joint Conference on Knowledge-Based Software Engineering, JCKBSE'02 (Slovenia)

2002 First International Conference on Educational Technology in Cultural Context (Finland)

2002 Advanced Visual Interfaces, AVI 2002 (Italy)

2002 International Symposium: Technology of Information and Communication in Education for Engineering, TICE'2002 (France)

2002 International Conference on Advanced Learning Technologies, ICALT'02 (Russia)

2002 World Conference on Educational Multimedia, Hypermedia, and Telecommunications, ED-MEDIA'2002 (USA)

2002 Third International Conference on Intelligent Text Processing and Computational Linguistics, CICLing'2002 (Mexico)

2001 Euro Web' 2001 Conference "The Web in Public Administration" (Italy)

2001 World Conference on the WWW and Internet, WebNet'2001 (USA)

2001 9th International Conference on Computers in Education ICCE'2001 (Korea)

2001 10th International PEG Conference (Finland)

2001 The 8th International Conference on User Modeling, UM'01 (Germany)

2001 The 2001 Symposium on Applications and the Internet, SAINT'2001 (USA)

2001 World Conference on Educational Multimedia, Hypermedia, and Telecommunications, ED-MEDIA'2001 (Finland)

2001 Second International Conference on Intelligent Text Processing and Computational Linguistics, CICLing'2001 (Mexico)

2000 International Conference on Adaptive Hypermedia and Adaptive Web-based Systems, AH'2000 (Italy), **Program Chair**

2000 The Fifth International Conference on Intelligent Tutoring Systems, ITS'2000 (Canada)

2000 World Conference on the WWW and Internet, WebNet'2000 (USA),

2000 World Conference on Educational Multimedia, Hypermedia, and Telecommunications, ED-MEDIA'2000 (Canada)

2000 Fourth Joint Conference on Knowledge-Based Software Engineering, JCKBSE'2000 (Czech Republic)

2000 International ICSC Symposium on Interactive and Collaborative Computing, ICC'200 (Australia)

2000 International Symposium on Technologies of Information and Communication in Education for engineering and industry, TICE'2000 (France)

1999 The 8th World Wide Web conference (Canada)

1999 The 7th International Conference on User Modeling, UM'99 (Canada)

1999 Workshop on Customized Information Delivery at ACM SIGIR'99 (USA)

1999 Workshop on Web Usage Analysis and User Profiling at ACM KDD'99 (USA)

1999 The 4th World Conference of the WWW, Internet, and Intranet, WebNet'99 (USA),

1999 7th International Conference on Computers in Education, ICCE'99 (Japan)

1999 9th International PEG Conference, PEG'99 (UK)

1999 World Conference on Educational Multimedia and Hypermedia, ED-MEDIA'99 (USA)

1998 The Fourth International Conference on Intelligent Tutoring Systems, ITS'98 (USA)

1998 The 3rd World Conference of the WWW, Internet, and Intranet, WebNet'98 (USA),

1998 Workshop "Current Trends and Applications of Artificial Intelligence in Education" at the Fourth World Congress on Expert Systems (Mexico)

1998 World Conference on Educational Multimedia and Hypermedia, ED-MEDIA'98 (Germany)

1998 New Information and Communication Technologies Applied to Education, NTICF'98 (France)

1997 Computer Supported Collaborative Learning, CSCL'97 (Canada)

1997 The 2nd World Conference of the WWW, Internet, and Intranet, WebNet'97 (Canada)

1997 World Conference on Educational Multimedia and Hypermedia, ED-MEDIA'97 (Canada)

1997 8th International PEG Conference, PEG'97 (Bulgaria)

1996 European Conference on Artificial Intelligence in Education, EuroAIED'96 (Portugal)

1996 World Conference of the Web Society, WebNet'96 (USA)

1996 Third International Conference on Intelligent Tutoring Systems, ITS'96 (Canada)

1996 7th International Conference on Artificial Intelligence: Methodology, Systems, Applications, AIMSA'96 (Bulgaria)

1996 World Conference on Educational Multimedia and Hypermedia, ED-MEDIA'96 (USA)

1996 International Conferences of Computer Assisted Learning in Science and Engineering, CALISCE'96 (Spain),

1995 International Conference on Computers in Education, ICCE'95 (Singapore)

1995 World Conference on Educational Multimedia and Hypermedia, ED-MEDIA'95 (Austria)

1994 4-th International Conference on User Modeling (USA)

1994 World Conference on Educational Multimedia and Hypermedia, ED-MEDIA'94 (Canada)

1994 International East-West Conference on Computer Technology in Education (Crimea, Ukraine)

1994 International East-West Conference on Multimedia, Hypermedia and Virtual Reality (Moscow, Russia)

1994 Japanese - CIS Conference on Knowledge-Based Software Engineering, JCKBSE'94 (Pereslavl-Zalessky, Russia)

1994 Fifth Annual Soviet UNIX Users Group (SUUG) Conference (Moscow, Russia)

1993 International Conference on Computers in Education, ICCE'93 (Taiwan)

1993 East-West Artificial Intelligence Conference (Moscow, Russia)

1993 International Free Software Conference (Moscow, Russia)

1992 East-West Conference on Emerging Computer Technologies in Education (Moscow, Russia)

1992 Third Annual SUUG Conference (St. Petersburg, Russia)

1991 Second Annual SUUG Conference (Vladimir, Russia)

1991 SUUG Workshop on UNIX and Applications (Moscow, Russia)

1990 First Annual SUUG Conference (Moscow, Russia)

Organizing activities (conferences, workshops, panels)

2017   Joint Workshop on Interfaces and Human Decision Making for Recommender Systems at 11th ACM Conference on Recommender Systems (RecSys 2017), **Co-organizer**

2016   Joint Workshop on Interfaces and Human Decision Making for Recommender Systems at 10th ACM Conference on Recommender Systems (RecSys 2016), **Co-organizer**

2015   Joint Workshop on Interfaces and Human Decision Making for Recommender Systems co-located with ACM Conference on Recommender Systems (RecSys 2015). **Co-organizer**

2015   International Workshop on Social Personalization & Search at the 38th Annual ACM SIGIR Conference (SIGIR 2015). **Co-organizer**

2014   Joint Workshop on Interfaces and Human Decision Making for Recommender Systems at ACM Conference on Recommender Systems, RecSys 2014 **Co-organizer**

2014   Joint Workshop on Personalised Information Access (PIA 2014) at 22nd Conference on User Modeling, Adaptation and Personalization (UMAP 2014). **Co-organizer**

2012   5th ACM workshop on Research advances in Large Digital Book Repositories and Complementary Media (BooksOnline'12) at 21st ACM International Conference on Information and Knowledge Management (CIKM 2012), **Co-organizer**

2011   19th International Conference on User Modeling, Adaptation, and Personalization, UMAP 2011 (Spain), **Doctoral Consortium co-chair**

2011   15th International Conference on Artificial Intelligence in Education (New Zealand), **Publicity co-chair**

2011   2nd International Workshop on Information Heterogeneity and Fusion in Recommender Systems at the 5th ACM Conference on Recommender Systems, RecSys 2011 **Co-organizer**

2011   4th ACM workshop on Online books, complementary social media and crowdsourcing. Glasgow, UK: ACM Press. **Co-organizer**

2010   International Workshop on Information Heterogeneity and Fusion in Recommender Systems at the 4th ACM Conference on Recommender Systems, **Co-organizer**

2010 BooksOnline'10 Workshop: 3rd Workshop on Research Advances in Large Digital Book Collections at CIKM 2010, **Co-organizer**

2010 Workshop on Computer-Supported Peer Review in Education (CSPRED) at the Tenth International Conference on Intelligent Tutoring Systems, ITS 2010, **Co-organizer**

2009 BooksOnline'09 Workshop: 2nd Workshop on Research Advances in Large Digital Book Collections at ECDL 2009, **Co-organizer**

2008 The Nineteenth ACM Conference on Hypertext and Hypermedia (USA), General Chair

2008 9h International Conference on Intelligent Tutoring Systems, ITS'2006 (Canada), **Workshop and Tutorial Co-Chair**

2007 Workshop on Personalisation in e-Learning Environments at Individual and Group Level was held at the 11th International Conference on User Modeling, Co-organizer

2006 4th International Conference on Adaptive Hypermedia and Adaptive Web-based Systems, AH'2006 (Ireland), **DC Co-Chair**

2006 Workshop on the Social Navigation and Community-Based Adaptation Technologies at the 4th International Conference on Adaptive Hypermedia and Adaptive Web-based Systems, Ireland, Primary organizer

2005 Workshop on Personalized Information Access at 10th International Conference on User Modeling, UM'2005, Primary organizer

2005 Workshop on Adaptive Systems for Web-Based Education at the AIED'2005 conference, Amsterdam, the Netherlands, Primary organizer

2004 3rd International Conference on Adaptive Hypermedia and Adaptive Web-based Systems, AH'2004 (the Netherlands), **DC Co-Chair**

2003 The 9th International Conference on User Modeling, UM'2003 (US), General Chair

2002 2ⁿᵈ International Conference on Adaptive Hypermedia and Adaptive Web-based Systems, AH'2002 (Spain), General Chair

2002 Workshop on Adaptive Systems for Web-Based Education at the 2nd International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (AH'2002) Spain, Primary organizer

2001 Third Workshop on Adaptive hypertext and hypermedia at the 8th International Conference on User Modeling, UM'01 (Sonthofen, Germany) and 12th ACM International Hypertext Conference, Hypertext'01 (Aarhus, Danmark)

2001 The 10th International Conference on Artificial Intelligence in Education, San Antonio, Texas. **Publicity Chair**

2000 Workshop on Adaptive and Intelligent Web-based Education Systems at The Fifth International Conference on Intelligent Tutoring Systems, ITS'2000, Montréal, Canada

1999 Second Workshop on Adaptive Systems and User Modeling on WWW at 8th International Word Wide Web Conference, Toronto, Canada (Primary organizer)

1998 Second Workshop on Adaptive hypertext and hypermedia at the Ninth ACM International Hypertext Conference, Hypertext'98. Pittsburgh, PA (Primary organizer)

1998 Second International Flexible Hypertext Workshop at the 7th International World Wide Web Conference, Brisbane, Australia (Co-organizer)

1997 Workshop "Intelligent Educational Systems on the World Wide Web" at AI-ED'97, 8th World Conference on Artificial Intelligence in Education. Kobe, Japan (Primary organizer)

1997 Workshop "Adaptive Systems and User Modeling on the World Wide Web" at the 6th International Conference on User Modeling, Sardinia, Italy (Primary organizer)

1997 Workshop "Flexible Hypertext" at The Eighth ACM International Hypertext Conference, Hypertext'97. Southampton, UK (Co-organizer)

1996 Workshop "Adaptive Educational Hypermedia and its Implementation on WWW" at ED-MEDIA'96, World Conference on Educational Multimedia and Hypermedia, Boston, MA (Primary organizer)

1995 ACM Conference on Human Factors in Computer Systems, CHI'95, Denver, CO. (Member, Organizing Committee)

1994 Panel "The use of hypermedia in the teaching and learning of programming" at ED-MEDIA'94, World Conference on Educational Multimedia and Hypermedia, Vancouver, Canada (Organizer)

1994 Panel "Authoring for ITS: from minimalist approaches to ITS shells" at ED-MEDIA'94, World Conference on Educational Multimedia and Hypermedia, Vancouver, Canada (Co-organizer)

1994 Workshop "Adaptive hypertext and hypermedia" at 4th International Conference on User Modeling, Hyannis, MA. (Primary organizer)

1994 International East-West Conference on Computer Technology in Education, Crimea, Ukraine (Chairman, Organizing Board).

1994 International East-West Conference on Multimedia, Hypermedia and Virtual Reality, MHVR'94, Moscow, Russia. (Primary organizer)

1994 Japanese - CIS Conference on Knowledge-Based Software Engineering, JCKBSE'94, Pereslavl-Zalessky, Russia. (Member, Organizing Committee)

1994 Fifth Annual Soviet UNIX Users Group (SUUG) Conference, Moscow, Russia. (Member, Organizing Committee)

1993 Workshop "Mini-languages: A way for learning the principles of Programming" at CAL'93, 10th International Conference on Computer-Assisted Learning, York, England (Organizer)

1993 East-West Artificial Intelligence Conference, EWAIC'93, Moscow, Russia. (Member, Organizing Committee)

1993 International Free Software Conference, Moscow, Russia. (Member, Organizing Committee)

1992 East-West Conference on Emerging Computer Technologies in Education, Moscow, Russia. (Primary organizer)

1992 Third Annual SUUG Conference, St. Petersburg, Russia. (Member, Organizing Committee)

1991 Second Annual SUUG Conference, Vladimir, Russia. (Member, Organizing Committee)

1991 SUUG Workshop on UNIX and Applications, Moscow, Russia. (Primary organizer)

1990 First Annual SUUG Conference, Moscow, Russia. (Primary organizer)

Invited talks and presentations at other institutions

"Addictive Links: Engaging Students through Adaptive Navigation Support and Open Social Student Modeling "Keynote talk at WWW 2014 Workshop on Web-based Education Technologies, Seoul, Korea, April 8, 2014

"Addictive links: From Adaptive Navigation Support to Open Social Student Modeling", Tel-Aviv University, Feb 24, 2014

"Addictive links: From Adaptive Navigation Support to Open Social Student Modeling", Arizona State U, Dec 12, 2013

"The other side of the social web: a taxonomy for social information access", Keynote talk at the 18th Brazilian symposium on Multimedia and the web, Sao Paulo, Brazil, 2012

"Beyond the Ranked List: Visual Presentation of Recommended Items". TU Delft, the Netherlands, Oct. 28, 2013

"The Power of Known Peers: A Study in Two Domains", Keynote talk at the 3rd International Workshop on Social Recommender Systems In conjunction with UMAP, Montreal, Canada, July 17, 2012

"Addictive Links: Long-Term Evaluation of Adaptive Navigation Support", Keynote talk at Knowledge Engineering Systems - Intelligent Interactive Multimedia Systems and Services (KES-IIMSS 2011), Piraeus, Greece, July 20, 2011

"The User Side of Personalization: How Personalization Affects the Users". Invited talk at UMAP 2010 Workshop on Intelligent Techniques for Web Personalization, Big Island of Hawaii, USA, June 20, 2010

"Addictive links: Adaptive Navigation Support in College-Level Courses". Invited talk at ITEC 2010, 1st International Conference on Interdisciplinary Research on Technology, Education and Communication, Kortrijk, Belgium, May 25, 2010

"Social Information Access: The Other Side of the Social Web". A colloquium talk at Human Computer Interaction Institute, Carnegie Mellon University, March 3, 2010

"Social Information Access: The Other Side of the Social Web". A colloquium talk at the University of Turin, Italy, July 2, 2009.

"Adaptive Navigation Support for Open Corpus Hypermedia Systems". Invited talk at the 5th International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems (AH'2008), Hannover, Germany, July 29, 2008

"Social Information Access: The Other Side of the Social Web". Invited talk at SOFSEM 2008, 34th International Conference on Current Trends in Theory and Practice of Computer Science, High Tatras, Slovakia, January 22, 2008.

"Addictive Links: The Motivational Value of Adaptive Link Annotation". A colloquium talk at Bowling Green State University, OH, November 30, 2006.

"Addictive Links: The Motivational Value of Adaptive Link Annotation". A colloquium talk at Human Computer Interaction Institute, Carnegie Mellon University, November 8, 2006.

"Adaptive Information Access: An Integrated Prospect" an invited talk at IJCAI'05 Workshop on Intelligent Techniques for Web Personalization, Edinburgh, U.K., August 1, 2005

"Learning by Doing with Interactive Learning Objects", a talk at AERA'2005 conference, April 13, 2005

"Personalized access to information with social navigation support" A colloquium talk at Human Computer Interaction Institute, Carnegie Mellon University, March 2, 2005

"From Adaptive Hypermedia to the Adaptive Web". A colloquium talk at the Department of Computer Information Systems, Robinson College of Business, Georgia State University, November 12, 2004

"Adaptive Educational Hypermedia: From generation to generation". Invited talk presented at 4th Hellenic Conference on Information and Communication Technologies in Education, Athens, Greece, September 30, 2004

"E-Learning in the New Millennium" a talk at the National College of Ireland Day of Learning. Dublin, Ireland, April 30, 2004

"From Adaptive Hypermedia to the Adaptive Web", National College of Ireland, Dublin, Ireland, April 27, 2004

"Helping teachers to author adaptive hypermedia courseware: a compilation approach", a talk at AERA'2004 conference, April 15, 2004

"From Adaptive Hypermedia to the Adaptive Web and Beyond", Invited talk presented at the Italian Human-Computer Interaction Conference HCITALY 2003, Turin, Italy, November 4, 2003

"From Adaptive Hypermedia to the Adaptive Web", Invited talk presented at German Human-Computer Interaction Conference Mensch und Computer, 2003, Stuttgart, Germany, September 8, 2003

"From Adaptive Hypermedia to the Adaptive Web", Invited talk presented at the IASTED International Conference WWW/Internet 2002, Lisbon, Portugal, November 13, 2002

"Information maps and landmarks as an interface to explore Web resources", Human Computer Interaction Institute, Carnegie Mellon University, September 18, 2002

"Towards next generation Web-based educational systems: An architecture based on adaptive reusable learning activities", Tampere University of Technology, Finland, August 15, 2002.

"Towards next generation Web-based educational systems: An architecture based on adaptive reusable learning activities", Free University of Bolzano, Italy, July 17, 2002.

"Adaptive Hypermedia: Ten Years of Research", Opening address at the 3rd Workshop on Adaptive Hypermedia, Sonthofen, July 14, 2001

"Adaptive Web-based Systems", Universität Freiburg, Germany, July 10, 2001

"Adaptive Educational Hypermedia", Invited talk presented at the Tenth International PEG conference, Tampere, Finland, June 24, 2001

"ADAPTS: an adaptive performance support system", Human Computer Interaction Institute, Carnegie Mellon University, December 6, 2000

"Adaptive Hypermedia: From Intelligent Tutoring Systems to Web-Based Education", Invited plenary address presented at The Fifth International Conference on Intelligent Tutoring Systems, ITS'2000, Montréal, Canada, June 23, 2000

"Adaptive Web-based Systems", Universidad Autónoma de Madrid, Spain, June 1, 2000

"Adaptive Web-based Systems", Universidad de Málaga, Spain, June 6, 2000

"Adaptive Educational Hypermedia for Web-based Education", Department of Education, University of California, Irvine, CA, April 11, 2000

"Adaptive Hypermedia: State of the Art and Prospects", Department of Information and Computer Sciences, University of Hawaii at Manoa, NY, October 28, 1999

"Adaptive Hypermedia: State of the Art and Prospects", IBM T. J. Watson Research Center, Yorktown Heights, NY, October 15, 1999

"Adaptive Hypermedia: State of the Art and Prospects", Institute for Applied Information Technology, GMD (German National Research Center), St. Augustin, Germany, March 15, 1999

"Adaptive Hypermedia for Web-based education", an invited talk at "Virtual Campus" workshop, Goslar, Germany, March 11, 1999

"Adaptive Navigation Support in Hypertext and Hypermedia", Human-Computer Interaction Institute seminar, Carnegie Mellon University, April 1, 1998

"Adaptive Navigation Support for Web-based Learning Systems", Computer Research Center, National Polytechnic Institute, Mexico City, March 13, 1998

"Adaptive Navigation Support for Web-based Learning Systems", Learning Research and Development Center, University of Pittsburgh, PA, March 9, 1998

"Adaptive Hypermedia: State of the Art and Prospects", Faculty of Mathematics and Computer Science, Eindhoven University of Technology, February 20, 1998

"Adaptive Hypermedia: State of the Art and Prospects", Department of Computer Science, University of Antwerpen, Belgium, February 19, 1998

"Adaptive Hypermedia: State of the Art and Prospects", Department of Computer Science, Katholieke Universiteit Leuven, Belgium, February 18, 1998

"Adaptive Hypermedia: State of the Art and Prospects", Centrum voor Wiskunde en Informatica (CWI), Amsterdam, the Netherlands, February 17, 1998

"Adaptive Educational Systems on the Web: Research and Application", Text Learning Seminar, Carnegie Mellon University, October 27, 1997

"Adaptive Electronic Books for Distance Learning", Honeywell Technology Center, Minneapolis, MN, September 2, 1997

"A knowledge-based approach to creating adaptive electronic textbooks", Seventh International Conference on Human-Computer Interaction, HCI International '97, San Francisco, CA, August 24-29, 1997

"Adaptive Educational Systems on the Web: Research and Application", NTT Information and Communication Systems Laboratories, Tokyo, Japan, August 25, 1997

"Adaptive Hypermedia: State of the Art and Prospects", Knowledge Media Institute, Open University, UK, April 8, 1997

"Adaptive Hypermedia: State of the Art and Prospects", Language Technology Institute, Carnegie Mellon University, November 20, 1996

"Adaptive Hypermedia: State of the Art and Prospects", Information Sciences Institute, University of Southern California, Marina Del Rey, CA, October 10, 1996

"Adaptive Educational Systems on the Web: Research and Application", Carnegie Group Inc., Pittsburgh, PA, September, 1996

"Developing Interactive and Adaptive Instruction on the Web", Technology Enhanced Learning Symposium, Carnegie Mellon University, May 21-22, 1996

"Adaptive Hypermedia: State of the Art and Prospects", Department of Computer Science, University of Tübingen, Germany, November 15, 1995

"Adaptive Educational Systems on the Web: Research and Application", EUNIS'95 Congress "Trends in Academic Information Systems" Düsseldorf, Germany, November 6-8, 1995

"Intelligent guidance in ITS: from adaptive sequencing to adaptive hypermedia", LORIA, University of Nancy I, France, September 28, 1995

"Intelligent guidance in ITS: from adaptive sequencing to adaptive hypermedia", Department of Computer Science, University du Maine in Le Mans, France, September 27, 1995

"Intelligent learning environments for programming: The case for integration and adaptation", Invited plenary address presented at 5th World Conference on Artificial Intelligence in Education, Washington, DC, August 17, 1995

"Intelligent learning environments for programming: Integration and adaptation", Department of Computer Science, University of Oldenburg, Germany, June 30, 1995

"Adaptive Hypermedia in an Intelligent Learning Environment", U.S. Air Force Office of Scientific Research *Window On Science* Invited Presentation, Armstrong Laboratory, Brooks Air Force Base, TX, May 8, 1995

"Intelligent learning environments for programming: Integration and adaptation", Department of Computer Science, University of Stuttgart, Germany, March 14, 1995

"Adaptive Hypermedia in an Intelligent Learning Environment", Integrated Publication and Information Systems Institute, GMD, Darmstadt, Germany, October, 1994

X Student Advising

Graduated PhD Students

Julio Guerra (2017) Assistant Professor, Universidad Austral de Chile

Shaghayegh Sahebi (2016) Assistant Professor, University of Albany, SUNY

Chirayu Wongchokprasitti (2015) DBMI, University of Pittsburgh

Denis Parra (2013) Assistant Professor, Pontificia Universidad Católica de Chile

Yiling Lin (2013) Assistant Professor, Department of Information Management, National Sun Yat-Sen University, Taiwan

Hyunsook Lee (2013) Assistant Professor, Sangmyung University, Korea

I-Han Hsiao (2012) Assistant Professor, Arisona State University
Sergey Sosnovsky (2011) Assistant Professor, Utrecht University, the Netherlands

Jaewook Ahn (2010) Research Scientist, IBM

Michael Yudelson (2010) Senior Research Scientist, ACT Inc.

Rosta Farzan (2009) Assistant Professor, University of Pittsburgh

Maria Harrington (2008) Assistant Professor, University of Central Florida.

Currently Advised PhD Students

Chun Hua Tsai

Roya Hosseini

Yun Huang

Jordan Barria-Pineda

Hung Chau Kim

Lorin Gieve

Saba Dadsetan

Kamil Akhuseyinoglu

Khushboo Thaker

Ph.D. Dissertation Committees

Mikhail Epiktetov, Moscow State University, 1993

Miguel Encarnação, Universiät Tübingen, Germany, 1997

Licia Calvi, Universiteit Antwerpen, Belgium, 1998

Eva Millán, Universidad de Málaga, Spain, 2000

Judith Thomson, University of Saskatchewan, Canada, 2000

Hari Ketamo, Tampere University of Technology, Finland, 2002

Hongjing Wu, Eindhoven University of Technology, the Netherlands, 2002

Jaakko Kurhila, Helsinki University of Technology, Finland, 2003

Siripun Sanguastikul, University of Pittsburgh. 2003

Molly Sorrows, University of Pittsburgh. 2004

Chad Lane, University of Pittsburgh, 2004

Nobory Matsuda, University of Pittsburgh, 2004

Denis Nkweteim, University of Pittsburgh, 2005

Stephen Hughes, University of Pittsburgh, 2005

Thomas Scanlon, Robert Morris University, 2006

Sam Holden, University of Sydney, Australia, 2006

Jill Freyne, University College Dublin, Ireland, 2006

Ibrahim Turan, University of Pittsburgh, 2007

Nilufar Baghaei, University of Canterbury, New Zealand, 2007

Natalia Stash, Eindhoven University of Technology, the Netherlands, 2007

Jeffrey Jacobson, University of Pittsburgh, 2008

Ming Mao, University of Pittsburgh, 2008

Worasit Choochaiwattana, University of Pittsburgh, 2008

Orla Lahart, Trinity College, Ireland 2009

Ekaterina Vasiljeva, University of Yuvaskula, Finland, 2009

Min Chi, University of Pittsburgh, 2009

Samwith Srinivas, University of Pittsburgh, 2010

William Love, University of Pittsburgh, 2010

Ilya Goldin, University of Pittsburgh, 2011

Sue Syn, University of Pittsburgh, 2011

Jacek Jankowski, National University of Ireland, Galway 2011

Fedor Bakalov, University of Jena, Germany, 2012

Amali Weerasinghe, University of Canterbury, New Zealand, 2012

Qi Gao, TU Delft, the Netherlands, 2013

Jonathan Grady, University of Pittsburgh, 2013

Tomek Loboda, University of Pittsburgh 2014

Zhen Yue, University of Pittsburgh 2014

Juha Helminen, Aalto University, 2014

Amirreza Masoumzaeh, University of Pittsburgh, 2014

Charles Grindle, University of Pittsburgh, 2014

Claudia Lopez, University of Pittsburgh, 2015

Jiepu Jiang, University of Pittsburgh, 2016

Xiang Xiao, University of Pittsburgh, 2016

Debjanee Barua, University of Sydney 2016

Shuguang Han, University of Pittsburgh 2017

Jiří Řihák, Masaryk University, Czech Republic, 2018

Shih-Yi Chien, University of Pittsburgh

Xidao Wen, University of Pittsburgh

Di Lu, University of Pittsburgh