

Virtual Math Team Project Collaborators

Wolfgang Appelt

Department Head, BSCW Team, Fraunhofer-FIT, Sankt Augustin, Germany

Dr. Appelt manages FIT work on several international projects sponsored by the European Commission. His research explores support for collaborative workgroups and the development and maintenance of systems to support this. He leads the research and development of BSCW and BSCL.

Gerardo Ayala

Dean of Research and Graduate Studies, Universidad de las Americas, Puebla, Mexico

He developed CSCL systems incorporating AI components and user modeling of the user's zone of proximal development to support automated grouping of students into collaborative teams.

Chip Bruce

Professor, Library & Information Science, University of Illinois, Urbana-Champaign, IL

Developer of Community Inquiry Labs (CIL) software and author of *Literacy in the Information Age*. Also in Curriculum & Instruction; Bioengineering; Writing Studies; Center for East Asian & Pacific Studies.

Thanasis Daradoumis

Professor, Department of Information Sciences, Open University of Catalonia, Barcelona, Spain

Dr. Daradoumis conducts research in CSCL, including a multi-year Spanish project focusing on evaluating online collaborative learning practices, analyzing collaborative learning interactions and developing tools for support and assessing online learning groups; he coordinates several on-line courses in Software Engineering using a collaborative PBL methodology.

Hugo Fuks

Associate Professor, Computer Science Department, Catholic University of Rio de Janeiro, Brazil

Dr. Fuks conducts research in CSCL theory and Groupware Engineering; he teaches distance and presence courses in information technology applied to education and groupware engineering.

Geri Gay

Professor, Communication in the Computing & Information Science Department and Director of the HCI Lab, Cornell University, Ithaca, NY

Ricki Goldmann

Professor of Learning Systems in the Department of Information Science and Co-Director of the eARTH Lab (Electronic Arts Habitat), College of Computing Sciences, New Jersey Institute of Technology, Newark, NJ

Jörg Haake

Chair for distributed systems at Fern Universitaet Hagen, the German distance learning university

Professor Haake designs curriculum and teaches online computer science courses as well as pursuing his research in CSCL begun at Fraunhofer-IPSI.

Kai Hakkarainen

Senior Research of the Academy of Finland and Director, Centre for Research on Networked Learning and Knowledge Building, Department of Psychology, University of Helsinki, Finland

Dr. Hakkarainen conducts research in theories of inquiry and learning, networked expertise and collaborative technologies in educational and workplace contexts; he teaches psychology and cognitive science

Rogers Hall

Professor, Mathematics Education, Dept. of Teaching & Learning, Peabody College, Vanderbilt University, Nashville, TN

His research interests include mathematics education, learning mathematics in and out of school, comparative studies of mathematical activity in school and work settings, and (most generally) the organization and development of representational practices in technical and scientific work.

Thomas Herrmann

Assistant Dean for Technology and Professor of Informatics and Society, Informatics Department, University of Dortmund, Germany

His interest is in the evaluation and design of socio-technical systems in accordance with human needs and organizational structures. He and his students have explored the support of negotiation in small workgroups.

Friedrich Hesse

Professor, Institute for Knowledge media, University of Tübingen

Research interests: Knowledge communication on the web, learning with knowledge media. Co-author of Bromme, R., Hesse, F. W., & Spada, H. (Eds.). (in press). *Barriers and biases in computer-mediated knowledge communication - and how they may be overcome*. Dordrecht: Kluwer Academic Publishers.

Jim Hewitt

Assistant Professor in the Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education, University of Toronto, Canada

He specializes in the educational use of computer technologies, designing and building educational computer environments, and studying how they support thinking and learning. His work has been part of the development of CSILE.

Cindy Hmelo-Silver

Assistant Professor, Graduate School of Education, Rutgers University, New Brunswick, NJ

She conducts research on learning through problem-solving, focusing on scaffolding for collaboration and knowledge-building in these environments; she teaches courses in educational psychology, cognition and technology, and problem-based learning.

Christopher Hoadley

Assistant Professor, College of Education and School of Information Sciences and Technology, Pennsylvania State University, University Park, PA

He designs, builds, and studies ways for computers to enhance thinking and learning. Currently his research focuses on collaborative technologies such as knowledge management tools and CSCL. Other interests include the use of design activities as a teaching method, design-based research methodologies, and science and technology education.

Ulrich Hoppe

Professor of Educational Computing, Dept. of Math & Computer Science, University of Duisburg, Germany

He has developed collaborative modeling tools, including for math (function plots, tables, stochastics), and computationally enhanced learning spaces for young children.

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Sanna Järvelä

Professor, Department of Educational Sciences and Teacher Education, Research Unit for Educational Technology, University of Oulu, Finland

Research interests in technology-based learning environments, qualitative features of learning interaction, social and motivational processes in learning. Co-authored). *Sharing perspectives in virtual interaction: Review of methods of analysis* in proceedings of CSCL 2003.

Victor Kaptelinin

Associate Professor, Department of Informatics, Umeå University, Umeå, Sweden

Dr. Kaptelinin conducts research in CSCL and HCI dealing with integrated workspace management, personal technologies, distance learning, skill acquisition, and applications of activity theory; he teaches undergraduate and graduate courses in HCI.

Paul Kirschner

Professor, Educational Technology, Open University of the Netherlands, The Netherlands

Background in educational psychology at SUNY Stony Brook and U. Maastricht; math & science teaching in the US. Research in CSCL, sociability in CSCL systems at the Open University of the Netherlands.

Timothy Koschmann

Associate Professor, Dept. of Medical Education, Southern Illinois University, Springfield, IL

His research has focused on practices by which participants in joint activity provide practical instruction to each other. He examines these practices through micro-analytic studies of interaction in concrete settings. He is concerned with the role of designed artifacts in mediating the practices of instructability, sense-making, etc. He has sought to make connections between current issues in the learning sciences and the writings of Dewey and other philosophers.

Sten Ludvigsen

Associate Professor at the University of Oslo and InterMedia in Bergen, Norway

His research interests are related to how digital learning resources are used in interaction and talk, in co-located and distributed settings. He leads the research group for Net-based learning and the research group for socio-cultural studies in education and ICT, at InterMedia, University of Oslo.

Anders Mørch

Associate Professor, University of Oslo, Norway

Dr. Mørch's general research interests are CSCL, CSCW, and HCI. His specific interests are collaborative learning, learning at work, technology for learning, knowledge management, end-user development, analysis of user communities, design methods and theories. Mørch has taught courses in system development, HCI and CSCW.

Bonnie Nardi

School of Information and Computer Science at the University of California, Irvine, CA.

She is an anthropologist specializing in the study of technology. Her theoretical orientation is activity theory. Her interests are user interface design, collaborative work, computer-mediated communication, and theoretical approaches to technology design and evaluation. She is conducting a study of blogging.

Leysia Palen

Research Professor in Computer Science, University of Colorado, Boulder, CO

She has investigated the adoption of CSCW systems like shared calendaring systems and wireless phones, exploring social issues with ethnographic methods.

Wolfgang Prinz

Director of the CSCW Research Department, Fraunhofer-FIT and Professor of Computer Science, Aachen University, Germany

A leader in CSCW, he is particularly interested in supporting social awareness in online interaction.

Linda Pulliam

Research Consultant to the Office of the Chancellor, System-wide Library Initiatives, California State University

Dr. Pulliam does applied research in information technologies and human practices.

Janine Remillard

Assistant Professor, Graduate School of Education, University of Pennsylvania, Philadelphia, PA

Dr. Remillard's research interests include mathematics teacher education and learning, urban education, and teaching practices in the context of educational policy. Since 1988, she has studied the relationships between educational policy and classroom practice in elementary mathematics.

Ann Renninger

Professor, Department of Educational Studies, Swarthmore College, Swarthmore, PA

An educational psychologist, Dr. Renninger is generally interested in: (a) the role of individual interest in students' cognition; (b) change in the cognitive and affective functioning of learners; and (c) links between theory, research and practice as these pertain to changed understanding.

Mark Schlager

Senior Cognitive Scientist and Associate Director of Learning Communities, Center for Technology in Learning, SRI International, Menlo Park, CA

Dr. Schlager specializes in the application of cognitive and social learning theory to the development of educational technology. His current research focuses on the application of advanced computing and networking technologies to enhance informal collaboration and learning. He directs the development of a multi-user virtual environment to support the professional development of an on-line teacher community.

Anna Sfard

Professor, Faculty of Education, Haifa University, Haifa, Israel

With a formal background in mathematics and physics, and with a life-long interest in history, philosophy and language, Dr. Sfard specializes today in mathematics education, focusing her research on the intricacies of human learning and creative thinking.

Hans Spada

Professor, Chair, Department of Psychology Cognition-Emotion-Communication, University of Freiburg, Germany

Main fields of research: cognitive psychology, cognitive science, computer supported cooperative learning, environmental psychology. Member of the Academia Europea, DGPs, EARLI, APS, Cognitive Science Society, ISLS. Author/editor/coeditor of 12 books. Chair of the CSCL community executive committee.

Jan-Willem Strijbos

PhD candidate, Open University of the Netherlands, The Netherlands

Research interests in Collaborative learning, CSCL, electronic learning environments, protocol-analysis. Edited *What We Know About CSCL*. Visiting researcher at Drexel on the VMT Project February through June, 2004.

Tamara Sumner

Assistant Professor, Center for Life-Long Learning & Design, University of Colorado at Boulder, CO

Dr. Sumner developed curriculum at the Knowledge Media Institute of the Open University in Great Britain and now teaches HCI at Colorado. Her past research focused on scholarly publication and she co-founded the Journal of Interactive Media in Education (JIME). She is now a leader in the development of the DLESE geo-science digital library.

Dan Suthers

Assistant Professor, Department of Information and Computer Sciences, University of Hawaii at Manoa, Hawaii

Teaching and research in HCI and AI perspectives on designing software to work with people and social systems, especially the use of representational affordances in CSCL.

Stefan Trausan-Matu

Professor, Computer Science Department, "Politehnica" University of Bucharest and Research Institute for Artificial Intelligence of the Romanian Academy, Romania

Teaching and research in HCI, Knowledge Extraction from Texts, Natural Language Processing, AI, Analysis of Algorithms, Philosophy. His interests include now also CSCL, CSCW, discourse analysis, cooperative knowledge building, cultural differences.

Barbara Wasson

Director of Intermedia and Professor of Pedagogical Information Science, University of Bergen, Norway

Her interests include tele-learning, AI in education, pedagogical agents and instructional planning. She was Chair of CSCL 2003 in Bergen.

Martin Wessner

Manager of the Cooperative Environments and E-Learning research division of Fraunhofer-IPSI, Darmstadt, Germany

His main research interests are CSCL and cooperative knowledge management. Research topics include developing cooperative learning methods, modeling cooperative learning processes, the conceptualization and development of cooperative learning environments, and the evaluation of new didactical methods for cooperative learning and teaching

Volker Wulf

Director of the International Institute for Social Informatics and Associate Professor of Computer Science at Siegen University, Germany

His research and teaching interests include organization and technology development, HCI, CSCW and CSCL.

Fatos Xhafa

Assistant Professor of Information Systems, Politechnical University of Catalonia, Barcelona, Spain

His research interests consist in parallel complexity/algorithms; approximation algorithms, mathematical programming, meta-heuristics (esp. tabu search, memetic and evolutionary alg.), generic programming, distributed programming.

Alan Zemel

Post-doc on the Deixis Project, Medical School, Southern Illinois University, Springfield, IL

Graduated from Temple in Communications and ethnomethodology with Anita Pomerantz. Currently working on video analysis of instruction with Tim Koschmann.

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