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


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

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 Stoney 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, DGP, 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  

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, Politecnical 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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