

# **CSCL 2015**

CSCL is a major international event, organized biennially by ISLS, which gathers together people involved in all aspects of the field of technology-based collaborative learning, including research, education, training and technology.

CSCL invites papers on the nature of collaborative learning in technologically supported environments from empirical, theoretical, conceptual and design based approaches.

# Exploring the Material Conditions of Learning: Opportunities and Challenges for CSCL

Within the learning sciences, the field of CSCL has continually raised the importance of the material conditions of learning. Reinvigorating this focus in this time of rapidly expanding forms of social, cognitive and technical mediation is particularly important. The proliferation of digitized information, the affordances of digital technology and the current changes in the media ecology affect society at all levels.

Not only do these material conditions influence the way we learn or what is considered relevant knowledge in the many social contexts of our lives, but they also set the premises for how knowledge is formed, how it is organised, made use of and communicated. The material conditions of learning are explored in numerous ways, including, but not limited to: basic research collaboration. learning knowledge formation and media ecology; applied research and design studies of how specific tools, applications and activities are used and modified for the benefit of relevant fields of practice; and theoretical approaches to the development of the interdisciplinary field CSCL and the learning sciences and their manifestations in society. Reflecting these different analytical approaches to CSCL, the conference is divided in three subthemes.

#### CSCL in context

CSCL in schools.

CSCL in games and simulations CSCL in social media and social networking.
CSCL in workplace, organisation and community-based learning.

#### Design for CSCL

Design-based research of teaching and learning Innovative design of technology, scaffolding, scripts etc.

Designing tools and environments for learning, instruction and collaboration. Designing methods for analysing and assessing collaborative learning, for instance learning analytics.

#### The theory of CSCL

CSCL and theories of learning.
CSCL and computational perspectives.
CSCL and educational policies.
CSCL and cultural diversity and societal change.

## **KEYNOTE SPEAKERS**

Karrie G. Karahalios

University of Illinois at Urbana-Champaign, USA

Yvonne Rogers

University College London, UK

Steve Woolgar

Saïd Business School, University of Oxford, UK

### Conference Chairs:

Sten Ludvigsen Oskar Lindwall

### Contact & web:

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#### **ISLS**

The International Society of the Learning Sciences is a professional society dedicated to the interdisciplinary empirical investigation of learning as it exists in real-world settings and how learning may be facilitated both with and without technology. The society is widely interdisciplinary and includes members from cognitive science, educational psychology, computer science, anthropology, sociology, information sciences, neurosciences, education, design studies, instructional design, and other fields.



### The University of Gothenburg

The University of Gothenburg Faculty of Education, with its 4.000 students and approximately 450 employees, is located at the heart the city. The Linnaeus Centre for Research on Learning, Interaction and Mediated Communication in Contemporary Society (LinCS) is a national centre of excellence funded by the Swedish Research Council. The centre is interdisciplinary and combines research in educational science, information science and applied information technology.





For more information please visit goteborg.com

## **ENJOY GOTHENBURG**

Gothenburg is situated on the west coast of Sweden and is the second largest city in the country. There is a distinct maritime atmosphere, with a mixture of older, well-preserved districts and exciting new developments. It is also a popular tourist destination and offers many points

of interests including gardens, parks, museums and other cultural highlights. Particularly noteworthy is the Southern Gothenburg Archipelago with its many picturesque islands that can be reached by ferryboats.

### **GETTING HERE IS EASY**

- International airport less than 30 minutes from the city centre.
- Direct flights from more than 50 European cities.
- · Ferry from Kiel and Fredrikshamn.
- It is easy to get around the city on public transport, by foot or rent one of the almost 1,000 city bikes available at 70 stations around town.



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