International Workshop on Technology-Enhanced Learning in Cyber-Physical Social Spaces (TELCPSS2015)

To be held in conjunction with 12th IEEE International Conference on

Ubiquitous Intelligence and Computing (UIC2015)

Beijing, China, August 10–14, 2015

http://ins.tyut.edu.cn/telcpss2015/index.html

The International Workshop on Technology-Enhanced Learning in Cyber-Physical Social Spaces will be jointly held with the 12th IEEE International Conference on Ubiquitous Intelligence and Computing (http://www.cybermatics.org/SWC2015/UIC/UIC2015.htm) in Beijing, China during August 10–14, 2015. This workshop aims to provide a premier international forum for researchers and practitioners to discuss the most recent research on the latest developments in Technology-Enhanced Learning in Cyber-Physical Social Spaces. In particular, original ideas and research articles are solicited ranging from theoretical studies, practical applications, new communication technologies, and experimental prototypes, in order to map out the directions for future developments and research collaborations.

Scope

With the high development of CPS (Cyber-Physical Social) computing and technology, the physical world and cyber world are increasingly integrating and merging. Many research works have been tried to develop new computational paradigms and algorithms to realize the symbiosis of people-computers-things, ranging from artificial intelligence, information technology, user modeling, virtual reality, and robotics, which are continuously changing our living, working and learning experience in the integrated CPS environment. Especially along with the popularity of online learning, such as massive online open courses (MOOCs), learning under a social context within a community or across a social network has drawn increasing attentions. Specifically, the technology-enhanced social learning focuses on providing an efficient means to enhance the analyzing and sharing of beneficial learning process with social knowledge under a certain social context in the collaborative Cyber-Physical environment.

We welcome contributions to advance high quality research in methods, theories, techniques and tools concerning the idea of technology-enhanced social learning, in order to prompt the learning and education development in the next era.

Topics of Interests

The scopes of TELCPSS2015 will cover but not be limited to:
- Big Data and Data Mining for Social Learning
- Contents Recommendation for Social Learning
- Context-Aware Learning Environments
- IoT Enhanced Learning Support
- Learning Analytics for Cross-MOOCs Open Environments
- Pervasive HCI for Social Learning
- Technology-Enhanced Learning for Talent Development
- Blended Learning with Cyber-Physical Social Technology
- Social Learning & Training Techniques
- Social Learning in Ubiquitous/Pervasive Computing Environments
- Social Media for Learning Facilitation
- Social Learning: Leadership & Collaboration
- Software Agents for Social Learning
- Implementing Social Learning in Organizations
- Location-Based Service for Social Learning
- Pedagogy for Flipped Classroom
- Mobile Computer Supported Collaborative Learning
- User Modeling for Individualized Social Learning
- Augmented Virtual Reality for Social Learning

Paper Submission and Publication

Authors are invited to submit full papers (maximum 6 pages) or short papers (maximum 4 pages). Papers should be written according to the IEEE Computer Society format: http://www.computer.org/portal/web/cscps/formatting.

The PDF or WORD file of your paper should be submitted to: https://easychair.org/conferences/?conf=telcpss2015

All accepted papers in TELCPSS2015 will be published in the Proceedings of UIC

2015 by IEEE CPS, which will be indexed by EI Compedex and ISTP.

After the workshop, authors of selected outstanding papers will be invited to submit the extended editions of their papers to a Special Issue of International Journal of Distance Technologies (pending).

Important Dates

Paper submission due: May 10, 2015 (Extened)
Author notification: May 20, 2015
Camera Ready due: June 5, 2015
Conference Dates: August 10-14, 2015

Organizing Committees

General Co-Chairs

Qun Jin, Waseda University, Japan
Oscar Lin, Athabasca University, Canada

PC Co-Chairs

Xiaokang Zhou, Waseda University, Japan
Jian Chen, Taiyuan University of Technology, China

Contact

Dr. Xiaokang Zhou
xkzhou@ruri.waseda.jp