

Preface

This volume contains the papers presented at OCCW15: Orchestrated Collaborative Classroom Workshop 2015 held on June 6, 2015 in Gothenburg.

There were 13 submissions. Each submission was reviewed by at least 2 program committee members. The committee decided to accept 12 papers, of which 11 were presented in the workshop and thus are included in this volume.

Theme

The current gap between computer-supported collaborative learning (CSCL) research advances and everyday educational practice can be related to the relative lack of innovation evaluations taking place in authentic conditions, and the increasing heterogeneity of the technologies present there. The design, application and evaluation of CSCL innovations under the restrictions of formal educational settings (not only physical classrooms, but also other learning contexts that end up connecting back to the classroom, such as museum visits or field trips) involves a particular set of challenges for the different stakeholders involved: educational technology developers, user experience designers, learning scientists, teachers, school leaders and other practitioners, etc.

This workshop tries to bring together all these stakeholders within the CSCL community, with the goal of contributing, refining and critiquing expert guidelines for this kind of classroom research, which can help guide future CSCL researchers in overcoming these increasingly important challenges. The value of these principles will be illustrated during the workshop through collaborative work on their application to address the problems of authentic classroom cases contributed by practitioners and other participants. This application also will help participants to uncover unsolved challenges and future research lines in orchestrated classroom research, spark discussions and prompt new joint research efforts.

We have contributions along these five axes:

- Integration and communication of heterogeneous learning technologies
- Designing interfaces and spaces for heterogeneity
- Methods and techniques to research heterogeneous ecologies
- Linking pedagogy and heterogeneous technological resource ecologies
- Concrete cases of heterogeneous classroom ecologies

Acknowledgement

The organization of this workshop has been possible, in part, thanks to the financial support provided by a Marie Curie Fellowship within the 7th European Community Framework Programme (MIOCTI, FP7-PEOPLE-2012-IEF project number 327384), the Swedish Research Council project PLACES (number 2012-5038), as well as the Chilean Government's CONICYT-FONDECYT project number 1150045.

July 22, 2015
Lausanne

Luis P. Prieto
Yannis Dimitriadis
Andreas Harrer
Marcelo Milrad
James D. Slotta