

Call for papers – ISSEP 2016

9th Conference on Informatics in Schools: Situation, Evolution and Perspectives

<http://issep2016.ens-cachan.fr>

October 13-15, 2016
University of Münster, Germany

Children are exposed to information technology at a very early age and yet in many countries informatics education is not included in compulsory curriculum for young students.

The International Conference on Informatics in Schools: Situation, Evolution and Perspectives (ISSEP) is a forum for researchers and practitioners in the area of Informatics education, in both primary and secondary schools. It provides an opportunity for educators to reflect upon the goals and objectives of this subject matter, its curricula and various teaching/learning paradigms and topics, possible connections to everyday life and various ways of developing Informatics Education in schools.

The ISSEP series started in 2005 in Klagenfurt. It was followed by meetings in Vilnius (2006), Torun (2008), Zürich (2010), Bratislava (2011), Oldenburg (2013), Istanbul (2014) and Ljubljana (2015).

The 9th ISSEP conference will take place at the University of Münster, Germany. It will be held jointly with the international workshop WIPSCE 2016.

Topics

The conference focuses on educational goals and objectives of Informatics or Computer Science as a subject matter in primary, secondary and vocational education and their different realization in compulsory and voluntary courses. Papers addressing the following issues are highly welcome.

Main topics:

- Sustainable Education in Informatics or Computer Science for Pupils of all ages
- Connecting Computer Science lessons to the students' everyday lives
- Teacher education in Informatics or Computer Science
- Research on Informatics or Computer Science in schools (empirical / qualitative / quantitative / theory building / research methods / comparative studies / transferability of methods and results from other disciplines)

Special topics:

- Computer Science topics in school beyond programming and algorithms
- Technical education in Informatics courses and vice versa
- Students' perceptions of Informatics or Computer Science issues in everyday life
- Exams in Informatics or Computer Science and assessment of competences
- Motivating children and teachers for Informatics or Computer Science
- Learning Informatics outside the classroom: contest, events, project weeks, etc.

Special Theme

There has been a growing awareness of the importance of Computer Science education in K12 education. Accordingly, serious efforts have been made to introduce or improve Computer Science education in schools. Papers reporting on national recent changes in curriculum or making comparisons between countries are welcome. Papers may propose analysis of programs and contents, pedagogical models and materials, or may report feedback on implementation in schools, student's and teacher's experiences based on empirical research.

Submission

Authors are invited to submit papers reporting on original unpublished research, novel didactical approaches and interventions, tools or other recent developments within the topics of the conference. Simultaneous submission to other conferences or workshops is not allowed. There are three distinct formats for submissions:

- Research papers (8-12 pages)
- Best practice papers / country reports (8-12 pages)
- Work in progress / discussion papers (4-8 pages)

Conference language is English.

Submissions should be formatted according to the Springer's LNCS style¹. Submissions should be anonymized and be submitted via EasyChair² system.

All papers will be subject to a double blind peer review process. Accepted papers will be included in the ISSEP 2016 local proceedings. Selected top quality papers will be published in the Springer Lecture Notes in Computer Science (LNCS) series.

Important Dates

Abstract due:	April 22, 2016.
Full paper due:	April 29, 2016
Notification of acceptance:	June 24, 2016
Final copy due:	July 24, 2016

Contact

Françoise Tort (Chair) – ENS Cachan, France
Andrej Brodnik (Co-Chair)- University of Ljubljana, Slovenia
issep2016@easychair.org

¹ Link to LNCS authors' guide: <http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>

² Link to EasyChair repository: <https://easychair.org/conferences/?conf=issep2016>