



WiPSCE 2016

11th Workshop in Primary and Secondary Computing Education

<http://www.wipsce.org>

October 13-15, 2016, Westfälische Wilhelms-Universität Münster, Münster, Germany



Call for Papers

We invite you to submit a paper, report, or poster for the 11th Workshop in Primary and Secondary Computing Education (WiPSCE 2016) and join us in Münster, Germany, in October 2016.

Research in primary and secondary computing education is a young field with strong ties to national educational systems. Nevertheless, its theories, methods, and results are internationally applicable and of interest to researchers and practitioners in the field. WiPSCE aims at improving the exchange of research and practice relevant to teaching and learning in primary and secondary computing education, teacher training, and related research.

WiPSCE has its roots in a long-running workshop of the German computing education community and is run in cooperation with ACM SIGCSE.

IMPORTANT DATES

Submission deadline: May 2, 2016
 Re-Submission deadline: May 9, 2016
 Notification of acceptance: July 7, 2016
 Camera-ready papers due: August 29, 2016

(¹): Only for papers whose abstract was submitted by the first deadline (May 2, 2016).

PROGRAM COMMITTEE

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PROCEEDINGS

Accepted papers will be published in the WiPSCE 2016 proceedings as part of the ACM International Conference Proceedings Series. The proceedings will be included in the ACM Digital Library.



TOPICS

Topics of interest include, but are not limited to:

- * Learning: attitudes, beliefs, motivation, misconceptions, learning difficulties, student engagement with educational technology (e.g., visualization), conceptualization of computing.
- * Teaching: teaching approaches, teaching methods, teaching with educational technology.
- * Content: curricular aspects, learning standards, tools, educational approaches, context relevant teaching, assessment.
- * Institutional aspects: establishing and enhancing computing education, professional development.

SPECIAL THEME: BUILDING BRIDGES

This year we particularly welcome papers reporting on transdisciplinary research within the STEM domain. Such research may focus on connecting Computer Science to other STEM disciplines in primary and secondary education, but could also aim at transferring methodological approaches originating from the Science Education community to Computing education research. Note that the use of ICT in science education (e.g., 'iPads in Chemistry classrooms') will be considered out of scope for WiPSCE 2016.

SUBMISSION GUIDELINES

Original submissions in all areas related to primary and secondary computing education are invited in the following categories:

- * Full Paper (6-10 pages).
 Full papers must be submitted in one of two categories:
 - Empirical Research Paper: Unpublished, original, theoretically anchored research relevant to the topics of the workshop. Empirical research papers are expected to be of high quality and present novel arguments, syntheses, results, methods, or tools.
 - Theoretical and Philosophical Research Paper: Unpublished, original, theoretically anchored research which includes dissemination and discussion of new ideas, theoretical analyses, or the proposition of an original theory relevant to the topics of the workshop.
- * Work in Progress (3-4 pages).
 - Work-in-progress papers are expected to present unpublished, original work in progress related to empirical or theoretical research relevant to the topics of the workshop.
- * Practical Report (4-6 pages).
 - Practical reports describe unpublished, original projects in the field of "primary and secondary computing education" with an emphasis on practical experiences, e.g., evaluating a teaching intervention or curricular initiative. Reports are required to have a solid theoretical basis and need to reflect on the findings in order to contribute to the theory. Therefore, practical reports should clearly identify the relevance and importance to computing education as well as their contribution to concepts and theories in the field.
- * Demo/Poster Abstract (2 pages).
 - Demo/Poster abstracts should present emerging ideas for future research, teaching practice, or tools.

SUBMISSION FORMAT

Submissions are required to follow the standard ACM two-column format, in the tighter alternate style. The review process will be double-blind, so authors are requested not to include their names and affiliations when submitting and to cite their prior work appropriately.

It is mandatory to submit a PDF-file through the EasyChair-system. The submission URL is:
<https://www.easychair.org/conferences/?conf=wipsce2016>.

CONTACT

Please see <http://www.wipsce.org> or contact the chairs at wipsce2016@easychair.org.