

# WiPSCE 2014

## The 9th Workshop in Primary and Secondary Computing Education

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[http://www.wipsce.org/2014/picture\\_sources.html](http://www.wipsce.org/2014/picture_sources.html)

November 5 - 7, 2014, Berlin, Germany

<http://wipsce.org>

### Call for Papers and Participation

We invite you to submit a paper, report, or poster for the 9th Workshop in Primary and Secondary Computing Education (WiPSCE 2014) and join us in Berlin, Germany, in November 2014.

#### Important dates

<b>Submission deadline:</b>	<b>Monday, July 7, 2014</b>
Re-submission deadline:	Monday, July 14, 2014
Notification of acceptance:	Monday, September 15, 2014
Submission of revised manuscripts:	Sunday, October 6, 2014
Early Registration deadline:	Monday, October 13, 2014
Workshop:	November 5-7, 2014

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. The 2014 workshop will be located in the exciting city of Berlin — Germany's largest city, 25 years after the fall of the Berlin wall. The workshop is hosted and organised by the Institute of Computer Science at Freie Universität Berlin.

#### Topics

Original submissions in all areas related to primary and secondary computing education are invited. 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

What do we know about our learners? Learning, as conceived by current learning theories, works best if it matches the existing knowledge, competencies and attitudes of the learner. Thus teachers need to know and make use of these current notions of their learners. What do we know about these, and what are suitable empirical instruments to uncover them? We especially call for papers on

- misconceptions, attitudes, knowledge (gaps), skills, competencies
- Teaching approaches, including tools, that are designed to diagnose the current state of learning, and/or react on such notions
- Instruments for diagnosing such notions, including instruments for use in daily work in the classroom

For more information, please visit <http://wipsce.org>.

Michael E. Caspersen, Judith Gal-Ezer, Carsten Schulte WiPSCE 2014 Chairs