

IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE) 2016

Special Track on Computing Education

“Innovations for Computing Education”

Call for Papers



Date & Venue

7-9 December 2016
Dusit Thani Bangkok Hotel
Bangkok, Thailand



Co-Chairs

Prof. Sorel Reisman, California State University
Dr. Henry Chan, The Hong Kong Polytechnic University

Overview

Computing is undergoing big changes. Nowadays, computers are not only desktop machines but also lightweight notebooks inside your bags and smart devices inside your pockets. With the popularity of cloud technologies, computing can now be delivered as utility services. Furthermore, computing knowledge is changing so fast that what students learn today will likely become obsolete tomorrow. There are also many emerging technologies and methodologies for computing education. In view of such trends and developments, there is a need to study how computing education should change and innovate, from both curricular and technology perspectives. Under the theme “Innovations for Computing Education”, this special track is sponsored by the IEEE Computer Society. It provides an interactive forum for educators and researchers to exchange views, ideas and experiences on computing education. There will also be a panel on Open Education Resources (OER) for computing education. Topics of interest include but are not limited to:

- Curriculum Design
- Education Model
- Teaching/Learning Technologies
- Case Studies
- Assessments
- Cloud-based Learning
- Mobile Learning
- Adaptive Learning
- Open Education Resources (OER)
- New Subjects
- Work-integrated Education
- Web-based Learning
- Accreditation
- Semantic Methodologies

Paper submission, review and publication

The paper submission, review and publication procedures will follow that of the main conference.

Contact

For enquiries on this special track, please contact Dr. Henry Chan (cschchan@comp.polyu.edu.hk).

Important Dates

20 th Aug 2016	Paper Submission
20 th Sept 2016	Review Outcomes
20 th Oct 2016	Final Paper Submission
31 st Oct 2016	Registration Deadline