

# TALE 2012

## IEEE International Conference on Teaching, Assessment, and Learning for Engineering 2012 20–23 August 2012, The Hong Kong Polytechnic University, Hong Kong

<p><b>HONORARY ADVISORS</b></p> <p>Michael Lightner <i>IEEE Director and Vice President, Educational Activities</i></p> <p>Lawrence Wong <i>IEEE Region 10 Director</i></p> <p>Rob Reilly <i>President, IEEE Education Society</i></p> <p>Manuel Castro <i>President-Elect, IEEE Education Society</i></p> <p>Charles Fleddermann <i>Editor-in-Chief, IEEE Transactions on Education</i></p> <p><b>ORGANIZING COMMITTEE</b></p> <p><b>General Chair</b> Henry Chan <i>The Hong Kong Polytechnic University</i></p> <p><b>Steering Committee Chair</b> Russ Meier <i>IEEE Education Society Vice President for Conferences</i></p> <p><b>Technical Program Chair</b> Low Sew Ming <i>Monash University Malaysia</i></p> <p><b>Technical Program Co-Chairs</b> Rosanna Chan <i>The Chinese University of Hong Kong</i></p> <p>Grace Ngai <i>The Hong Kong Polytechnic University</i></p> <p><b>Publication Co-Chairs</b> Mark J. W. Lee <i>Charles Sturt University</i></p> <p>Hong-Va Leong <i>The Hong Kong Polytechnic University</i></p> <p><b>Special Session Co-Chairs</b> C. Y. Chung <i>The Hong Kong Polytechnic University</i></p> <p>Norbert Cheung <i>The Hong Kong Polytechnic University</i></p> <p>Wilson Chu <i>The Open University of Hong Kong</i></p> <p><b>Workshop Co-Chairs</b> Mazlina Esa <i>Universiti Teknologi Malaysia</i></p> <p>Ray Cheung <i>City University of Hong Kong</i></p> <p><b>Publicity Chair</b> Ford Lumban Gaol <i>Bina Nusantara University</i></p> <p><b>Secretariat and Registration Co-Chairs</b> Edward Cheung <i>The Hong Kong Polytechnic University</i></p> <p>Eric Ma <i>IEEE Hong Kong Section</i></p> <p><b>Finance Co-Chairs</b> Y. W. Liu <i>IEEE Hong Kong Section</i></p> <p>William Cheung <i>The University of Hong Kong</i></p> <p><b>Liaison Chair</b> Oliver Ban <i>IEEE Education Society</i></p> <p><b>Local Arrangement Chair</b> Kai-Pan Mark <i>City University of Hong Kong</i></p> <p><b>Website Chair</b> C. K. Chan <i>The Hong Kong Polytechnic University</i></p>	<p><b>CALL FOR PAPERS</b></p> <p style="color: green; font-weight: bold;">Theme: “Fostering Innovation and Excellence in Engineering Education”</p> <p>The IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE) will be held each year in the Asia-Pacific region (IEEE Region 10) beginning in 2012. It is intended to complement existing conferences sponsored by the IEEE Education Society, most notably Frontiers in Education in North America (IEEE Regions 1–7) and EDUCON in Europe/Middle East/Africa (IEEE Region 8). The aim of TALE 2012 is to provide a forum for academicians and professionals from various educational fields and with cross-disciplinary interests to network, share knowledge and engage in dialogue around the theme of fostering innovation and excellence in engineering education. To this end, both research and practice-oriented papers are invited that encompass all aspects of education in the engineering fields (including computing, computer science, information technology and cognate disciplines). The conference will feature traditional paper presentations, workshops, as well as keynotes by renowned educational experts and authorities.</p>
<p><b>CONFERENCE TOPICS</b></p> <p>Topics of interest include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Academic Staff/Faculty Development</li> <li>• Accreditation and Quality Assurance</li> <li>• Assessment and Evaluation</li> <li>• Online/E-Learning and Blended Learning</li> <li>• Capstone Projects</li> <li>• Computer-Based Learning and Courseware Technologies</li> <li>• Continuing Education and Lifelong Learning</li> <li>• Curriculum Design</li> <li>• Distance, Open and Flexible Education</li> <li>• Educational Games and Simulations</li> <li>• Educational Policy, Leadership and Administration</li> <li>• Entrepreneurship Programs</li> <li>• Ethical and Social Justice Issues (e.g., Access, Equity)</li> <li>• Gender and Diversity</li> <li>• Generic Skills (e.g., Communications, Teamwork)</li> <li>• Industry Linkages and Partnerships</li> <li>• Instructional Design</li> <li>• Interdisciplinary Teaching Approaches</li> <li>• Introductory Engineering and Computing Courses</li> <li>• K–12 Initiatives and Partnerships</li> <li>• Laboratory Experiences (On-Campus and Remote)</li> <li>• Learning Analytics</li> <li>• Learning Management Systems</li> <li>• Marketing and Outreach for Engineering Programs</li> <li>• Mobile Learning</li> <li>• Open Educational Resources</li> <li>• Research Training (Undergraduate and Graduate)</li> <li>• Service Learning</li> <li>• Work-Based and Work-Integrated Education</li> </ul>	<p><b>PAPER SUBMISSION, REVIEW AND PUBLICATION</b></p> <p>Prospective authors are invited to submit papers of four (4) to six (6) A4 pages (including tables, figures and references) in standard IEEE double-column format. Papers will be accepted only by electronic submission through the conference website, from which submission guidelines and a template for papers are available. A blind-review process will be used to evaluate all submitted papers. Each full registration for the conference will cover a maximum of two papers; each student registration will cover a single paper only.</p> <p>All accepted and registered papers that are presented at the conference will be published in the conference proceedings (CD-ROM/USB) and uploaded to the IEEE Xplore database, which is indexed by Scopus. The proceedings will also be submitted for possible indexing to EI Compendex, ISI Thompson Conference Proceedings Citation Index (CPCI) and INSPEC.</p> <p>Awards will be presented to authors of the best papers presented at the conference. These authors, along with authors of other selected papers, may be invited to submit revised and expanded versions for potential publication in the <i>IEEE Transactions on Education</i>, and/or other refereed international journals. (The content of the expanded paper must be substantially different to that of the version submitted to the conference, and publication is subject to peer-review acceptance in accordance with the relevant journal's editorial policies and guidelines.)</p>
<p><b>IMPORTANT DATES</b> Extended to 30 May 2012</p> <p>Paper submission deadline: 30 April 2012</p> <p>Notification of review outcomes: 7 June 2012</p> <p>Final paper submission: 30 June 2012</p> <p>Registration deadline: 30 June 2012</p> <p>Conference dates: 20–23 August 2012</p>	<p><b>SECRETARIAT CONTACT</b></p> <p>Email: <a href="mailto:enquiry@tale-conference.org">enquiry@tale-conference.org</a></p> <p>Website: <a href="http://www.tale-conference.org/tale2012/">http://www.tale-conference.org/tale2012/</a></p>
<p><b>CO-ORGANIZERS AND CO-SPONSORS:</b></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">               IEEE Education Society         </div> <div style="text-align: center;">               IEEE Hong Kong Section         </div> </div>	<p><b>CO-ORGANIZER AND HOST:</b></p> <div style="text-align: center;">               The Hong Kong Polytechnic University         </div>