Special Session on Computing and Engineering Education

Conference: CCECE2019 <http://www.ccece2019.ieee.ca/>

Topic of Interest: Computing and Engineering Education

Objectives and scope: As part of the IEEE CCECE 2019, Canadian Conference on Electrical and Computer Engineering, The Educational Activity Committee invites Abstracts, Extended Abstracts, Papers, Panel Discussions, Posters, Speakers and Workshop Proposals, Virtual Presentation, that encompass conceptual analysis, design implementation and performance evaluation of computer and electrical engineering education.

Topics include:

1. **Curriculum, Research Management and Development**
   1. Research Methodologies
   2. Joint Research and/or Degree Programs
   3. Links between Education and Research
   4. Acoustics in Education Environment
   5. Courses, Tutorials and Labs
   6. Curriculum Design for Diverse Community
2. **Learning / Teaching Methodologies and Assessment**
   1. Supervising and Managing Student Projects
   2. Pedagogy Enhancement with e-Learning
   3. Educating the Educators
   4. Immersive Learning
   5. Blended Learning
   6. Computer-Aided Assessment
   7. Metrics and Performance Measurement
   8. Assessment Software Tools and Methods
   9. Simulated Communities and Online Mentoring
   10. e-Testing and new Test Theories
3. **Ubiquitous Learning**
   1. Accessibility to Disabled Users
   2. Animation, 3D, and Web 3D Applications
   3. Context Dependent Learning
   4. Distance Education and E-Learning
   5. Educational Games and Software
   6. Mobile Applications and Learning (M-learning)
   7. Technology Enhanced Learning
   8. Videos for Learning and Educational Multimedia
   9. Virtual Learning Environments (VLE)
   10. Wireless Applications
4. **Course and Program Management**
   1. Accreditation and Quality Assurance
   2. Best Practice Contributions
   3. Evaluation and Assessment Methods
   4. Open Content
   5. Security and Data Protection
   6. Student Selection Criteria in Interdisciplinary Learning

Important Dates: Full paper submissions: January 15, 2019

Notification of acceptance: February 15, 2019

Author Registration & Final Paper Submission: March 1, 2019

Submission: The papers will be required to meet the same standards as the main conference papers and will be published in the conference proceedings.

All papers need to be submitted electronically in PDF format by email to:

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Session Chairs:

* Rossitza Marinova Concordia University of Edmonton
* Bob Gill British Columbia Institute of Technology
* Oscar Lin Athabasca University