

Second Circular CEEA 2013 CONFERENCE

Engineering Leadership Fourth Annual CEEA Conference: 17-20 June, 2013 École Polytechnique – Montréal

This is the second of several newsletters leading up to the 2013 CEEA Conference to be held in Montreal. If you like what you are reading – please plan ahead to submit an abstract and attend – the deadline is approaching on 14 January! If you want to make suggestions of any kind – please don't hesitate to let the Conference Chair know at paul.stuart@polymtl.ca.

Montreal – A City of Festivals

If you're not sure why Montreal is called a city of festivals yet, June should clear things up. Come and discover Montreal with your family or with your colleagues who are attending the 2013 CEEA Conference. Enjoy Montreal's many festivals and activities - including F1 Canadian Grand Prix, the Jazz Festival, Montreal Fireworks Festival, Le Musée des beaux-arts de Montréal, take a walk on Mount Royal, and enjoy our many outdoor activities (cruises, shows and exhibitions) at the Quays of the Old Port of Montreal. The accommodation at residences of the university is being organized so you can attend for a reasonable price, and otherwise you can stay at one of Montreal's downtown hotels.

Important Dates

14 January, 2013 – 300-word abstracts submission deadline

11 February, 2013 – Notification of acceptance

15 April, 2013 – Final papers/condensed papers due

Special Sessions Related to the Conference Theme: Engineering Leadership

Several sessions on Engineering Leadership are planned for the conference. We are encouraging presentation submissions that address one or more of the many facets of leadership within engineering education, engineering practice, or leadership education in general. Examples include:

- Methods and content to introduce leadership concepts into the classroom
- Engineering leadership programs at the undergraduate or post-graduate level, or university wide leadership development programs
- The acquisition of leadership related competencies through internships or research placements

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- Case studies of engineering leadership
- The role of leadership within the engineering profession or the development of leadership competencies through engineering practice
- Research on the effectiveness of different pedagogical approaches for teaching leadership
- The roles of mentoring and coaching within engineering education
- Leadership development for faculty members, professors-in-training, or academic administrators
- The influence of engineering culture on personal growth or the acquisition of leadership competencies

Two workshops are also being organised by the Institute for Leadership in Engineering Education, University of Toronto. The details will be released in next circulars, Stay tuned! If you are considering submitting a talk, or would like to discuss possible topics, please contact Prof. Greg Evans (greg.evans@utoronto.ca), or Technical Program Co-Chair, Professor Michel Perrier (michel.perrier@polymtl.ca).

Special Session Related to Ethics & Professional Practice

Andrew Roncin of Red River College and the University of Manitoba is organizing a session that will focus on teaching ethics and professional practice in a Canadian context. Authors are encouraged to discuss the challenges of defining professionalism, ethics, and equity in relation to CEAB requirements, and/or discuss the challenges of teaching young engineers about their responsibility to society and the engineering profession as a whole. If you have further questions or would like to be involved, please send an email to aroncin@rrc.mb.ca.

Special Session on Student Program

The CEEA 2013 conference will feature a student program to give our graduates and undergraduates an opportunity to discuss on how we teach design and engineering. What makes a good class environment? What are the qualities of the ideal teacher? How do students perceive their workload in engineering? How are concepts taught in one class related to another, from a student's perspective? If you have students that would like to contribute, please encourage them to join us at the 2013 CEEA conference in Montreal.

In addition, Graduate students are invited to the 2013 CEEA conference to share their experiences in teaching design and engineering, either as TAs or as course instructors.

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Special Session on Development of Complementary Skills for Graduate Students

A growing number of universities recognize the importance of offering extra-curricular training to teach “complementary”, or professional skills to graduate students in order to better prepare them for their careers, whether academic or not. Authors are encouraged to contribute to a special session addressing this theme, by presenting the practices implemented in their institution such as, but not limited to: teaching, content, format, anticipated impact on the success and the “employability” of graduates, etc. For more information please contact Élise Saint-Jacques at elise.saint-jacques@polymtl.ca.

Separately to the conference session, a workshop will be given on complementary skills for graduate student entitled “Successful PhD Students”, intended for faculty and students alike. This workshop will consider some essential questions for the survival and success of PhD students such as: What are the criteria for an outstanding PhD student? Which components mark out the route? How to conduct a research project in an indefinite time? What is the outline of my match to lead me to success and start my future career?