

CEEA/ACEG Conference, Montréal Program for Tuesday June 18, 2013 (Day 1 of 3)

8:40 - 9:00	Plenary Session TuI Chairs: Paul Stuart and David Strong	<i>Leadership in engineering education</i>		
	Room M-1010	Prof. Pierre G. Lafleur, Chief Academic And International Officer, <i>École Polytechnique de Montréal</i>		
9:00 - 10:00	Plenary Session TuII Chair: Paul Stuart	<i>Identifying design explicitly as a key element of innovation, and what might follow from that</i>		
	Room M-1010	Prof. Tom Brzustowski, <i>University of Waterloo</i>		
10:00 - 10:30	Break			
10:30 - 11:50	Session TuA1 Mini-Symposium on Leadership <i>Leadership Programs</i> Organizer : Greg Evans, University of Toronto Chair : Greg Evans, University of Toronto	Session TuA2 Mini-Symposium on Sustainability <i>Teaching Sustainability: programs, tools and case studies I</i> Organizers : Louise Millette and Jean-François Desgroseilliers Chair : Louise Millette, École Polytechnique Montréal	Session TuA3 <i>Design I</i>	Session TuA4 <i>Engineering Education and Arts</i>
	Room M-1010	Room M-1020	Room M-2203	Room M-1120
10:30 - 10:50	<i>Developing Leadership Skills in Engineering Students – Foundational Approach through Enhancement of Self-Awareness and Interpersonal Communication</i> David Bayless, <i>University of Ohio</i>	<i>Sustainability in McMaster's Engineering Programs</i> Art Heidebrecht and Gord Irons, <i>McMaster University</i>	<i>On the Peculiarities of Design: An Engineering Perspective</i> Mouhamed Abdulla and Yousef Shayan, <i>Concordia University</i>	<i>The New da Vincis: Educating Engineering Artists</i> Ken Tallman, <i>University of Toronto</i>
10:50 - 11:10	<i>A successful approach to educating Engineering Leaders at the Graduate level</i> Simon Pitts, Steven Klosterman and Steven McGonagle, <i>Northeastern University</i>	<i>Incorporating Sustainability in Engineering Education: Experience from Guelph</i> Brajesh Dubey, <i>University of Guelph</i>	<i>Which type of design project is best: Narrow and detailed or broad and conceptual?</i> Ralph Buchal, <i>Western University</i>	<i>Collaborative project: Crossing borders between arts and engineering</i> Alain Desrochers and Jim Benson, <i>Université de Sherbrooke and Bishop's University</i>
11:10 - 11:30	<i>Developing Engineering Managers: The MEM Program at Memorial University</i>	<i>Lessons Learned from McMaster's first Crack at a Sustainability Course</i>	<i>Use of a reflection journal in a third year engineering project course</i>	<i>ElectrizArte: Using Arts to Improve Engineering Education</i>

	Amy Hsiao, <i>Memorial University</i>	Joel Hilchey and Mallory Drumm, <i>McMaster University</i>	Alan Steele, <i>Carleton University</i>	Lochi Yu and Fabian Abarca, <i>Universidad de Costa Rica</i>
11:30 - 11:50	<p><i>Lessons from the inaugural satellite design competition</i></p> <p>Dario Schor, Kane Anderson, Ahmad Byagowi, Brady Russell, Scott McKay, Veronica Marriott, Reza Fazel-Darbandi, Matthew Woelk, Anthony Schoenfeld, Craig Nemeth, Pawel Glowacki, Greg Linton, Witt Kinsner, Ron Britton and Malcolm Symonds, <i>University of Manitoba</i></p>		<p><i>The Innovation Agenda: Potential Implications for the Engineering Design Curriculum</i></p> <p>Antony Hodgson and Machiel Van Der Loos, <i>University of British Columbia</i></p>	
12:00 - 13:15	Lunch			
13:15 - 15:15	<p>Session TuB1 Mini-Symposium on Leadership <i>Service and Experiential Leadership Learning</i> Organizer: Greg Evans, University of Toronto</p>	<p>Session TuB2 Mini-Symposium on Sustainability <i>Teaching Sustainability: programs, tools and case studies II</i> Organizers : Louise Millette and Jean-François Desgroseilliers Chair : Marie-Luc Arpin, École Polytechnique Montréal</p>	<p>Session TuB3 <i>Capstone Design Projects</i> Chair: Witold Kinsner, University of Manitoba</p>	<p>Session TuB4 <i>Teamwork</i></p>
	Room M-1010	Room M-1020	Room M-2203	Room M-1120
13:15 - 13:35	<p><i>Service Learning and Team Work – Elements of Leadership</i></p> <p>Dena McMartin, <i>University of Regina</i></p>	<p><i>Studying the Effectiveness of Teaching Sustainability in Project-Based Multi-disciplinary Graduate Level Engineering Course</i></p> <p>Lotfi Belkhir, <i>McMaster University</i></p>	<p><i>Comparison of Student and Faculty Perceptions of Team Performance in Capstone Design Projects as Evaluated by Graduate Attribute-Linked Rubrics</i></p> <p>Antony Hodgson and Jon Mikkelsen, <i>University of British Columbia</i></p>	<p><i>Collaborative Information Behaviour of Engineering Students in Group-Based Design Projects</i></p> <p>Nasser Saleh, <i>Queen's University</i></p>
13:35 - 13:55	<p><i>Experiential Learning in Leadership Development: SELECT at McMaster University</i></p> <p>Minha Ha, <i>McMaster University</i></p>	<p><i>Avalon Rare Metals' University Outreach Initiative – a Company's Perspective on Sustainability in Engineering Education</i></p> <p>Mandeep Rayat, William Mercer and Ian London, <i>Avalon Rare Metals</i></p>	<p><i>Capstone Project Evaluation – Towards a Student-Centred Approach</i></p> <p>Cheryl Schramm and Adrian Chan, <i>Carleton University</i></p>	<p><i>The Influence of Personality Type on Teamwork in Engineering Education</i></p> <p>Peter Ostafichuk and Carol Naylor, <i>University of British Columbia</i></p>
13:55 - 14:15	<p><i>Developing an Entrepreneurial Mindset in Engineering Students</i></p>	<p><i>Un manuel libre pour l'enseignement du développement durable : la genèse d'un projet collaboratif</i></p>	<p><i>How Student Reflections Have Guided the Evolution of the Mechanical Engineering Capstone Design Course at UBC from 2007 – 2012</i></p>	<p><i>Developing Engineering Performance Skills: Teaching Communication, and Teamwork using Case method</i></p>

	Amy Hsiao, <i>Memorial University</i>	Eric Francoeur, <i>École de Technologie Supérieure</i>	H.F. Machiel Van der Loos, Antony Hodgson, Jon Mikkelsen and Markus Fengler, <i>University of British Columbia</i>	David Effa, Edgar Mateos and Steve Lambert, <i>University of Waterloo</i>
14:15 - 14:35	<i>The Assessment of Leadership Outcomes in Capstone Projects Using Anonymous Peer Feedback</i> William Bishop, <i>University of Waterloo</i>	<i>Donner voix aux multiples représentations du développement durable dans l'enseignement en génie</i> Olivier Riffon, <i>Université du Québec à Chicoutimi</i>	<i>Critical analysis of a capstone project in industrial engineering</i> Jean-Marc Frayret and Diane Riopel, <i>École Polytechnique Montréal</i>	<i>Fostering teamwork skills using collaboration software in engineering design education.</i> Gerd Gidion and Ralph Buchal, <i>Karlsruhe Institute of Technology and Western University</i>
14:35 - 14:55	<i>Engineering Leadership in Positive Space</i> Peter Weiss, Jason Bazylak, Susan McCahan and Lesley Mak, <i>University of Toronto</i>	<i>La mise en œuvre du DD par les entreprises : la méthode BNQ21000 et son application vue par une ingénieure</i> Francine Craig, Marie Rousseau, <i>NEUVACTION</i>	<i>Collaborative Approach for Teaching Chemical Engineering Design</i> Michel Couturier and Guida Bendrich, <i>University of New Brunswick</i>	<i>Small-group tutorials and open brainstorming for problem-solving in Environmental Engineering Systems</i> Arun Moorthy, Carolyn Chan and Warren Stiver, <i>University of Guelph</i>
14:55 - 15:15		<i>L'expérience du cours d'études supérieures "Développement Durable pour Ingénieurs"</i> Jean-François Desgroseilliers and Louise Millette, <i>École Polytechnique Montréal</i>	<i>Improving Student's Capstone Project Selection and Team Formation</i> Derek Rayside, Paul Ward and Krzysztof Czarniecki, <i>University of Waterloo</i>	<i>Teaching Against Entitlementality</i> Joel Hilchey, <i>McMaster University</i>
15:15 - 15:30	Break			
15:30 - 17:50	Session TuC1 Mini-Symposium on Leadership <i>Leadership in Engineering Organisations</i> Organizer : Greg Evans, University of Toronto	Session TuC2 Mini-Symposium on Sustainability <i>Teaching Sustainability: programs, tools and case studies III</i> Organizers : Louise Millette and Jean-François Desgroseilliers Chair : Anouk Desjardins, École Polytechnique Montréal	Session TuC3 <i>Graduate Attributes I</i>	Session TuC4 <i>Design II</i>
	Room M-1010	Room M-1020	Room M-1120	Room M-2203
15:30 - 15:50	<i>Engineer Leadership in Organizations and the Implications for Curriculum Development</i> Douglas Reeve, Robin Sacks, Cindy Rottmann, Frieda Daniels and Adam Wray, <i>University of Toronto</i>	<i>La conception intégrée : une approche immersive de l'apprentissage social en construction durable</i> Daniel Forgues, <i>École de Technologie Supérieure</i>	<i>Leveraging Cloud-Based Services and Tools for Curriculum and Engineering Attributes Management</i> Guy Bégin, <i>Université du Québec à Montréal</i>	<i>Systematic Conceptualizing – a Case Example – Stage Barge Gangway</i> W. Ernst Eder, <i>Royal Military College of Canada</i>

15:50 - 16:10	<i>Translating a Corporate Leadership Philosophy and Practice to the Engineering Classroom</i> David Colcleugh and Doug Reeve, <i>University of Toronto</i>	<i>Développement d'un projet en ingénierie incorporant une vision personnelle de l'enseignement du développement durable</i> Ariane Pinsonnault, Stephanie Muller, Annie Levasseur and Réjean Samson, <i>École Polytechnique Montréal</i>	<i>The Attribute Assessment Process at the University of Manitoba: Year Two</i> Jillian Seniuk Cicek, Sandra Ingram and Nariman Sepehri, <i>University of Manitoba</i>	<i>Teaching Design using a Pharmaceutical Tablet Crusher Case Study</i> James Baleshta, Michael Collins and Steve Lambert, <i>University of Waterloo</i>
16:10 - 16:30	<i>Creating Faculty Buy-in: Leadership Challenges in Implementing CEAB Graduate Attributes</i> Govind Gopakumar, Deborah Dysart-Gale and Ali Akgunduz, <i>Concordia University</i>	<i>La création d'un cours en développement durable aux étudiants de 1er cycle : l'expérience de l'ÉTS</i> Philippe Terrier, <i>École de Technologie Supérieure</i>	<i>Surveying Fourth Year Engineering Student Perceptions of Graduate Attribute Competencies</i> Jillian Seniuk Cicek, Paul Labossiere and Danny Mann, <i>University of Manitoba</i>	<i>Literature Review on Engineering Design Assessment Tools</i> Iman Moazzen, Terry Hansen, Mariel Miller, Peter Wild, Allyson Hadwin and Lillanne Jackson, <i>University of Victoria</i>
16:30 - 16:50	<i>Taking the Bull by the Horns: Leading by Example</i> Monica Danon-Schaffer, <i>Tetra Tech</i>	<i>Enseignement de la combustion dans une optique du développement durable</i> Bruno Detuncq, <i>École Polytechnique Montréal</i>	<i>Curriculum Management and CEAB Outcome Reporting: Recent Activities at the University of British Columbia</i> Susan Nesbit, Steve Wilton, Andre Ivanov, Thomas Froese and Rob Sianchuk, <i>University of British Columbia</i>	<i>Conceptualize-Design Enhancement of Systematic Design Engineering Method</i> W. Ernst Eder, <i>Royal Military College of Canada</i>
16:50 - 17:10	<i>From College to University: Mohawk College - McMaster University Partnership, a Seamless Pathway</i> Nafia Al-Mutawaly and Michael Piczak, <i>Mohawk College</i>	<i>De l'environnement au développement durable, l'évolution d'un cours de génie civil à Polytechnique</i> Marie-Luc Arpin and Louise Millette, <i>École Polytechnique Montréal</i>	<i>Course Based Learning Outcomes as the Foundation for Assessment of Graduate Attributes – an Update on the Progress of Memorial University</i> Darlene Spracklin-Reid and Andrew Fisher, <i>Memorial University</i>	<i>Training Course in Design Engineering for Graduate Teaching Assistants</i> Flavio Firmani, Michael McWilliam, Peter Wild, Nikolai Dechev, Colin Bradley and Michael McGuire, <i>University of Victoria</i>
17:10 - 17:30			<i>Student Perspectives on Graduate Attributes</i> Matt Wright, Chris Campbell, Susan Nesbit and Thomas Froese, <i>University of British Columbia</i>	<i>Effective Use of Graduate Students as Teaching Assistants in Undergraduate Engineering Education</i> Darlene Spracklin-Reid and Janna Rosales, <i>Memorial University</i>
17:30 - 17:50			<i>Evaluation of software tools supporting outcomes-based continuous program improvement processes</i> Jake Kaupp, Brian Frank and Christopher Watts, <i>Queen's University</i>	
17:50	End of Day 1 Sessions ~ CEEA Conference			

IceBreaker

CEEA/ACEG Conference, Montréal Program for Wednesday, June 19, 2013 (Day 2 of 3)

8:30 - 9:30	Plenary Session WI	<i>Innovation and Reliability in the design process: A both/and possibility</i>				
	Room M-1010	Prof. Suzanne Kresta, <i>University of Alberta</i>				
9:30 - 9:45	Break					
9:50 - 12:10	Session WA1 Mini-Symposium on Leadership <i>Leadership Programs</i> Organizer : Greg Evans, University of Toronto	Session WA2 <i>Leadership and Design</i> Chair : Catherine Mavriplis, University of Ottawa	Session WA3 <i>Computer and Electrical Engineering</i> Chair: Witold Kinsner, University of Manitoba	Session WA4 <i>First-Year Experience</i>	Session WA5 <i>The CDIO Framework</i> Organizer : S. Turenne	
	Room M-1010	Room M-1120	Room M-2103	Room M-2203	Room M-2004	
9:50 - 10:10	<i>Global Engineering Leadership – Design and Implementation of Local and International Service Learning Curriculum for Senior Engineering Students</i> Elizabeth Croft, Paul Winkelman, Alaya Boisvert and Kristin Patten, <i>University of British Columbia</i>	<i>A holistic approach to supporting women and girls at all stages of engineering education</i> Mara Fontana, M. A. Wells and M.C. Scherer, <i>University of Waterloo</i>	<i>A DataComm laboratory with FPGAs in a microprocessor interfacing course</i> Jesus D. Terrazas Gonzalez, Mohamed Nasri, Tong Duan and Witold Kinsner, <i>University of Manitoba</i>	<i>Influence of Learning Preference on Self-Efficacy and Performance in Mixed-Modality First-Year Engineering Design</i> Jon-Michael Booth, Thomas E. Doyle and David Musson, <i>McMaster University</i>	<i>Meet CEEA/CEAB Goals with a CDIO Framework</i>	
10:10 - 10:30	<i>Leadership Development through Project Based Learning</i> Karen Cain and Sandra Cocco, <i>Conestoga College</i>	<i>Impact of Informed Course Design and Data-Driven Course Improvement on Student Learning</i> Suzanne Kresta, <i>University of Alberta</i>	<i>Benefits of using a dynamic modeling software package in Electrical Engineering courses</i> Tim Vrablik and Bonnie Yue, <i>Maplesoft</i>	<i>ReFresh: Retaining First Year Engineering Students and Retraining for Success</i> Lesley Mak and Neil Shyminsky, <i>University of Toronto</i>		
10:30 - 10:50	<i>Incorporating team-effectiveness as a learning objective in the design project within a technical core course</i>	<i>Leadership Development Programs for Women in Engineering Industry</i>	<i>A new course on computing for small spacecraft engineering</i>	<i>Experiential Learning for First Year Engineering through Outreach with a Local Community Hospital</i>	<i>Rick Sellens, Queen's University</i>	

	Greg Evans, Doug Reeve, Patricia Kristine Sheridan, Maygan McGuire, Kristina Minnella, Estelle Oliva-Fisher, Lydia Wilkinson and Todd McAlary, <i>University of Toronto</i>	Catherine Mavriplis and Elizabeth Croft, <i>University of Ottawa and University of British Columbia</i>	Witold Kinsner, <i>University of Manitoba</i>	Robert Fleisig, <i>McMaster University</i>	How is CDIO Implemented ?	
10:50 - 11:10	<i>Student perceptions and use of an inventory to facilitate learning of individual team-effectiveness</i> Patricia Kristine Sheridan, Doug Reeve and Greg Evans, <i>University of Toronto</i>	<i>Design for Inclusion - A Roundtable Discussion</i>	<i>The use of Maxima in teaching analog and digital signal processing</i> Christian Gargour, Venkat Ramachandran (1) and Marcel Gabrea, <i>École de Technologie Supérieure and (1) Concordia University</i>	<i>Monitoring Student Engagement in First Year Engineering</i> Geraldine Van Gyn and Peter Wild, <i>University of Victoria</i>	Sylvain Turenne, <i>École Polytechnique Montréal</i>	
11:10 - 11:30	<i>Exploring Design Identity Through a "Reverse Engineer and Improve" Values Elicitation Activity</i>		<i>Multimedia Content and Laboratory Enhancements for Courses in Digital Systems and Computer Architecture</i> Naraig Manjikian and Valerie Sugarman, <i>Queen's University</i>	<i>Visualization Performance and Rapid Prototyping in First Year Design</i> Thomas E. Doyle, David Musson and Jon-Michael Booth, <i>McMaster University</i>		Development of Faculty Competence
11:30 - 11:50			<i>Custom Graphical Simulators for VHDL Logic Descriptions and the Altera Nios II Processor</i> Naraig Manjikian and Valerie Sugarman, <i>Queen's University</i>	<i>Helping make first-year engineering fun – the Mechatronics experience</i> Mary Robinson, Carol C.W. Hulls and Sanjeev Bedi, <i>University of Waterloo</i>	Anastassis Kozanitis, <i>École Polytechnique Montréal</i>	
11:50 - 12:10	Jason Foster and Patricia Kristine Sheridan, <i>University of Toronto</i>		Catherine Mavriplis, <i>University of Ottawa</i>	<i>Turning The Lights On: A project for first year Circuits</i> Timothy Little, <i>Dalhousie University</i>	<i>"Thermodynamics Is Not A Spectator Sport!" An Exploratory Study On Incorporating Active Learning Into A First Year Thermodynamics Course</i> Jillian Seniuk Cicek, Douglas Ruth and Sandra Ingram, <i>University of Manitoba</i>	
12:10 - 13:20	Lunch (CEEA Board Meeting)					

13:20 - 15:20	Session WB1 <i>Communication I</i>	Session WB2 <i>Design III</i>	Session WB3 <i>Engineering Education Research in Canada</i> Organizer: Sean Maw, Mount Royal University	Session WB4 <i>Innovative Methods</i>
	Room M-2004	Room M-2203	Room M-1010	Room M-1120
13:20 - 13:40	<p data-bbox="247 383 583 467"><i>Integrating Information Literacy in the Engineering Curriculum: A Program Approach</i></p> <p data-bbox="247 505 583 529">Nasser Saleh, <i>Queen's University</i></p>	<p data-bbox="606 383 942 435"><i>Design Workshop for Ontario Engineering Competition</i></p> <p data-bbox="606 505 942 557">Cheryl Pearce and Steve Lambert, <i>University of Waterloo</i></p>	<p data-bbox="966 383 1302 435"><i>Engineering Education at the University of Toronto</i></p> <p data-bbox="966 505 1302 711">Susan McCahan, Jason Bazylak, David Beach, Greg Evans, Jason Foster, Bryan Karney, Penny Kinnear, Bruno Korst, Lisa Romkey, Patricia Sheridan, Micah Stickel, Chirag Variawa and Peter Weiss, <i>University of Toronto</i></p>	<p data-bbox="1325 383 1661 467"><i>Mapping Topics for Program Enhancement in Undergraduate Process Engineering Education</i></p> <p data-bbox="1325 505 1661 557">Darlene Spracklin-Reid and Susan Caines, <i>Memorial University</i></p>
13:40 - 14:00	<p data-bbox="247 756 583 841"><i>Teaching Information Literacy Skills to Senior Undergraduate Engineering Students</i></p> <p data-bbox="247 911 583 963">Jennifer Cong Yan Zhao and Michael Rabbat, <i>McGill University</i></p>	<p data-bbox="606 756 942 873"><i>Mechanical Behavior of Hydrophilic Materials: Development of an Undergraduate Research Laboratory</i></p> <p data-bbox="606 911 942 963">Barry Hojjatie, <i>Valdosta State University</i></p>	<p data-bbox="966 756 1302 873"><i>The Process of Continual Improvement of Engineering Programs at the University of Manitoba: Now and Next</i></p> <p data-bbox="966 911 1302 1170">Nariman Sepehri, Witold Kinsner, Jean-Paul Burak, Cyrus Shafai, Udaya Annakkage, Danny Mann, David Kuhn, Ahmed Shalaby, Marolo Alfaro, Jason Morrison, Ken Ferens, Madjid Birouk, Paul Labossiere, Mark Torchia and Jonathan Beddoes, <i>University of Manitoba</i></p>	<p data-bbox="1325 756 1661 898"><i>Project Based Learning Activities in Improving the Quality of Education at the School of Engineering, UBC Okanagan Campus</i></p> <p data-bbox="1325 911 1661 1019">Vladan Prodanovic, Claire Yan and Ray Taheri-Ardebili, <i>University of British Columbia, Okanagan Campus</i></p>
14:00 - 14:20	<p data-bbox="247 1211 583 1295"><i>Using role-play to support communication instruction for engineers</i></p> <p data-bbox="247 1308 583 1360">Lydia Wilkinson and Theresa Merrick, <i>University of Toronto</i></p>	<p data-bbox="606 1211 942 1263"><i>Teaching And Learning Modes For Design Engineering</i></p> <p data-bbox="606 1308 942 1360">W. Ernst Eder, <i>Royal Military College of Canada</i></p>	<p data-bbox="966 1211 1302 1295"><i>Engineering Education Research and Development at Queen's University</i></p> <p data-bbox="966 1308 1302 1360">David Strong and Brian Frank, <i>Queen's University</i></p>	<p data-bbox="1325 1211 1661 1295"><i>Innovative Methods of Teaching in a Large Engineering Classroom Environment</i></p> <p data-bbox="1325 1308 1661 1390">Aezeden Mohamed, Greg Naterer and Andy Fisher, <i>Memorial University</i></p>

14:20 - 14:40	<i>Re-conceptualizing Engineering Communication as Agility and Efficacy</i> Penny Kinnear, <i>University of Toronto</i>	<i>Development of an analogical and didactic simulator for hydroelectric power plants</i> Juste Tsoitie Wamba and Wamkeue René, <i>Université du Québec en Abitibi-Témiscamingue</i>	<i>Engineering Education Research Conducted at Université de Sherbrooke</i> Gérald Lachiver, <i>Université de Sherbrooke</i>	<i>Investigating the Impact of Model Eliciting Activities on Development of Critical Thinking</i> Brian Frank, Jake Kaupp and Ann Chen, <i>Queen's University</i>
14:40 - 15:00	<i>Designing Rubrics for Communication Courses in Engineering: A Work in Progress</i> Anne Parker and Aidan Topping, <i>University of Manitoba</i>	<i>The Teton Dam failure as a support for an undergraduate course of Soil Mechanics</i> Benoit Courcelles, <i>École Polytechnique Montréal</i>	<i>Collaboration between Faculty Members and the Center for Teaching and Learning at Polytechnique Montréal</i> Anastassis Kozanitis and Lina Forest, <i>École Polytechnique Montréal</i>	<i>Case studies as open-ended problems to promote student deep learning</i> Christine Moresoli, Marc Aucoin and Jason Grove, <i>University of Waterloo</i>
15:00 - 15:20		<i>Design & Validation Methodology applied to a roadster frame based on life prediction</i> Cristian Iorga and Alain Desrochers, <i>Université de Sherbrooke</i>	<i>Wrap-up discussion on engineering education research in Canada</i> Sean Maw, <i>Mount Royal University</i>	<i>An Innovative and Interactive Approach for Teaching Industrial Drawing to Engineering Students</i> André Cincou, <i>École Polytechnique de Montréal</i>
15:20 - 15:40	Break			
15:40 - 17:40	Session WC1 <i>Engineering Profession</i>	Session WC2 <i>Graduate Attributes II</i>	Session WC3 <i>Experiential Learning</i>	Session WC4 <i>Pedagogical Techniques</i> Chair: Sean Maw, Mount Royal University
	Room M-2101	Room M-1120	Room M-2203	Room M-2004
15:40 - 16:00	<i>Thoughts on Engineering Ethics Education in Canada</i> Andrew Roncin, <i>Red River College</i>	<i>La mise en œuvre d'une approche qualité en génie à l'UQAM</i> Guy Bégin et Patrick Charland, <i>Université du Québec À Montréal</i>	<i>ExCEL: A Unique Approach to Providing Experiential Learning Opportunities</i> Kelton Friedrich, <i>McMaster University</i>	<i>Using Peer Instruction pedagogy for teaching Dynamics: Lessons learned</i> Janice Miller-Young, <i>Mount Royal University</i>
16:00 - 16:20	<i>Engineering and Public Policy, a new teaching nexus</i>	<i>Le suivi du développement des connaissances en génie en vue de l'entrée en vigueur des nouvelles normes et procédures d'agrément du BCAPG</i>	<i>Incorporating Experiential Learning in Lower Division Engineering Science Courses</i>	<i>Teaching Dynamics Using Sports Biomechanics</i>

	Gail Krantzberg, <i>McMaster University</i>	André-Sébastien Aubin et Catherine Pilon, <i>Université de Sherbrooke</i>	Atousa Hajshirmohammadi and Nilgoon Zarei, <i>Simon Fraser University</i>	Sean Maw, <i>Mount Royal University</i>
16:20 - 16:40	<i>The important role of Social Sciences in the Education of Civil Engineers</i>	<i>A Preliminary Analysis of the Use of Student Surveys for Graduate Attribute Assessment</i>	<i>A Training Demonstration for Experiential Learning in OPC based Process Automation Data Access</i>	<i>Teaching self-affine and dynamical systems engineering</i>
	Somayyeh Hazeri and Hassan Fatemi, <i>University of Tabriz and Université de Sherbrooke</i>	Peter Ostafichuk, <i>University of British Columbia</i>	Tom Wanyama and Ishwar Singh, <i>McMaster University</i>	Witold Kinsner, <i>University of Manitoba</i>
16:40 - 17:00	<i>Monitoring and Evaluation Tools to Improve the Effectiveness of Engineering Outreach - National Engineering Month Ontario Survey as Pilot Case Study</i>	<i>Assessing graduate attributes as described by CEAB: an exploratory study in a first year design course</i>	<i>BETS – Innovating on Co-op to Enhance Engineering Education</i>	<i>Use of logbooks as a tool for life-long learning</i>
	Sal Alajek, Erica Lee Garcia and Mary Spencer, <i>Engineers Without Borders</i>	Daniel Dupuis and Christian St-Pierre, <i>Université Laval</i>	Wayne Parker, Jennifer McLellan, Jeremy Steffler and Rocco Fondacaro, <i>University of Waterloo</i>	Sylvie Doré, <i>École de Technologie Supérieure</i>
17:00 - 17:20	<i>Teaching and Learning the Engineering Profession in the Classroom</i>	<i>Overcoming Obstacles to Implementing an Outcome-Based Education Model: Transitional Versus Transformative OBE</i>	Session WC4 Discussion by NSERC Design Chairs: <i>Standard of Living & Quality of Life Relies on Innovation/ Innovation Relies on Engineering Design</i>	<i>A Preliminary Study of the Design Approaches to Project Work Undertaken by Undergraduate Engineering Students</i>
	Aezeden Mohamed, Andy Fisher and Greg Naterer, <i>Memorial University</i>	Carolyn Sparrey, Maureen Hindy and Liliya Akhmadeeva, <i>Simon Fraser University</i>		Jeremy Laliberte, Cheryl Schramm and Alan Steele, <i>Carleton University</i>
17:20 - 17:40			Douglas Ruth, Warren Stiver, <i>University of Manitoba and</i>	
17:40	End of Day 2 Sessions ~ CEEA Conference			

Banquet

~ last update June 10, 2013

CEEA/ACEG Conference, Montréal Program for Thursday, June 20, 2013 (Day 3 of 3)

8:30 - 9:30		Plenary Session ThI Chair: Michel Perrier	<i>The Role of Engineering Education in Building a Sustainable Future</i>		
		Room M-1010	Lorne Trottier, <i>Co-founder of Matrox</i>		
9:30 - 9:45		Break			
9:50 - 11:50		Session ThA1 <i>Communication II</i>	Session ThA2 <i>Use of Laboratories I</i>	Session ThA3 <i>Software Based Learning</i>	Session ThA4 <i>Student Focus I</i> Chair : Jason R. Tavares
		Room M-2004	Room M-1120	Room M-2101	Room M-1020
9:50 - 10:10		<i>Effects of First-Year Integrated Writing and Design Curriculum on Writing Achievements of Engineering Students: Results of a Two-Year Assessment Study</i> Suzan Last, Peter Wild and Geri Van Gyn, <i>University of Victoria</i>	<i>A supportive pedagogical package for distance learning and remote laboratories</i> Geneviève Samson, Jean-Sébastien Deschênes, Hamdjatou Kane(1), Radhi Mhiri(2), Vahe Nerguizian(2) and (3)Hamadou Saliah- Hassane, <i>Université du Québec à Rimouski, (1) Université du Québec en Outaouais, (2) École de Technologie Supérieure, (3) Télé-Université du Québec</i>	<i>Teaching Undergraduate Power System Courses with the Use of Siemens PTI PSSe-University Simulation Software</i> Chi Tang, Adam Freeman, Matthew Bradica, Jerome Spence and Donge Ren, <i>McMaster University</i>	<i>Perspective on Improvements for Second Year and Other Undergraduate Engineering Design Courses</i> Fiona Serack, <i>Queen's University</i>
10:10 - 10:30		<i>An Automated Course-specific Vocabulary Search Program</i> Chirag Variawa and Susan McCahan, <i>University of Toronto</i>	<i>Multifunction hardware experimentation laboratories</i> Khaled Arfa, Gilles Roy and Georges-Émile April, <i>École Polytechnique de Montréal</i>	<i>Teaching Design in Computer Engineering</i> Ken Ferens, <i>University of Manitoba</i>	<i>Blurring the line between for-credit curricular and not-for-credit extracurricular engineering learning environments</i> Sal Alajek, (1) Jonathan Verret, Kyla Fisher, Alan Ham and Heather Murdock, <i>Engineers Without Borders, (1) McGill University</i>
10:30 - 10:50		<i>Evaluating the Usability of an Automated Course-specific Vocabulary to Measure Language Proficiency in Oral Presentations</i>	<i>A flexible robotics themed system for teaching basic engineering concepts and skills</i>	<i>Computer based learning software for engineering students</i>	<i>Leading by Example: Upper-year Students as First-year Teaching Assistants</i>

	Chirag Variawa and Lydia Wilkinson, <i>University of Toronto</i>	Joshua Dian and Sinisa Colic, <i>University of Toronto</i>	G�rard J. Poitras and Eric G. Poitras, <i>Universit� de Monton and McGill University</i>	Eugene Zivkov, Parmeg Kenth, Julia Taylor, Mary Robinson and Bill Owen, <i>University of Waterloo</i>
10:50 - 11:10	<i>Exploring the Instructional Implications of an Automated Course-specific Vocabulary Identification Program</i>	<i>Innovation in undergraduate laboratory course - Integrated laboratories for particulate operations, heat/mass transfer and reaction engineering courses for Green Process Engineering Program</i>	<i>Software Quality Assurance in an Undergraduate Software Engineering Program</i>	<i>Improving Outcomes in Student Design Courses Through Qualitative User Research and Contextual Immersion</i>
	Penny Kinnear and Chirag Variawa, <i>University of Toronto</i>	Charles Xu, L. Sang, D. Bao, H. Siddiqui, K. Abbott, V. Balasundharam, J. Chad, Z. Freeman, J. C. Vanegas, E. Maddox, C. Piccolo, J. Ward, C. Wu, D. Xiang and K. Young, <i>Western University</i>	Claude Laporte and Alain April, <i>�cole de Technologie Sup�rieure</i>	Florin Gheorghe, Antony J. Hodgson and H.F. Machiel Van der Loos, <i>University of British Columbia</i>
11:10 - 11:30	<i>Media Usage Survey: How Engineering Instructors and Students Use Media</i>	<i>Designing an Undergraduate Food Processing Laboratory at the University of Waterloo</i>	<i>Designing Learning Experiences for Software Engineering Students through Mobile App Development</i>	<i>Being A Teaching Assistant In First-Year Engineering Course: Perspectives, Challenges, Rewards And Recommendations</i>
	Gerd Gidion, Luiz Capretz(1), Michael Grosch and Ken Meadows(1), <i>Karlsruhe Institute of Technology and Western University</i>	Yung Priscilla Lai, Kyung Eun Sun, Hiroki Takamura, Christine Moresoli and Marc Aucoin, <i>University of Waterloo</i>	Qusay Mahmoud, <i>University of Guelph</i>	Jong Sook Choi, <i>Ryerson University</i>
11:30 - 11:50		<i>Designing laboratory procedures to enhance graduate attributes</i>	<i>A compiler project with learning progression</i>	<i>The Role of Peer-to-Peer Learning in Improving Pedagogical Skills of Teaching Assistants</i>
		Salim Ahmed, Lesley James, Darlene Spracklin-Reid and Syed Imtiaz, <i>Memorial University</i>	Derek Rayside, <i>University of Waterloo</i>	Jonathan Verrett, <i>McGill University</i>
11:50 - 13:30	CEEA Annual General Membership Meeting / Conference Wrap-Up / Announcement of CEEA 2014 Lunch			
13:35 - 15:35	<i>Session ThB1 Information Technology</i>	<i>Session ThB2 Use of Laboratories II</i>	<i>Session ThB3 Learning Community</i>	<i>Session ThB4 Student Focus II</i> Chair: Jason R. Tavares
	Room M-2004	Room M-1120	Room M-2101	Room M-1020
13:35 - 13:55	<i>Take out your cell phones; class is starting – Revisited</i>	<i>Enhanced remote laboratory work for engineering training</i>	<i>Building a Teaching and Learning Community: A Blended Approach to Providing Support</i>	<i>Roundtable discussion on Engineering Education : A Student View</i>

	Jason Bazylak, Susan McCahan, Peter Weiss and Phil Anderson, <i>University of Toronto</i>	Maarouf Saad, Radhi Mhiri, Vahé Nerguizian, Moustapha Dodo Amadou, (1)Sandra Sahli, (2)Saber Ouertani and (3)Gérald Brady, <i>École de Technologie Supérieure, (1) Cegep de Valleyfield, (2) Cegep de Sorel-Tracy, (3) Cegep de Granby</i>	Darlene Spracklin-Reid and Andrew Fisher, <i>Memorial University</i>	TBC
13:55 - 14:15	<i>Lecture Material Retention: a First Trial Report on Flipped Lecture Strategies in Electronic Systems Engineering at the University of Regina</i> Doug Wagner and Paul Laforge, <i>University of Regina</i>	<i>Laboratory At Distance: Importance of Student's Profile and Their Evaluated Experience</i> Vahé Nerguizian, Radhi Mhiri, Maarouf Saad, (1) Jean-Sébastien Deschênes and (2) Hamdjatou Kane, <i>École de Technologie Supérieure, (1) Université du Québec à Rimouski, (2) Université du Québec en Outaouais</i>	<i>Faculty Selection and Development</i> Chitrakleha Potnis and Ajit Potnis, <i>Canadian Career College of Innovative Technology and Management</i>	<i>Une carte conceptuelle pour le programme de baccalauréat en génie chimique à Polytechnique Montréal</i> Édith Sauvageau-Grenier, Jason R. Tavares, Nick Virgilio et Patrice Farand, <i>École Polytechnique Montréal</i>
14:15 - 14:35	<i>Impact of blended learning on student experience in undergraduate structural engineering courses</i> Hassan Aoude, <i>University of Ottawa</i>	<i>Development of a Ranke-Hilsch Vortex Tube Design Project For An Introductory Thermo-Fluids Course</i> Clifton Johnston, Michael Pegg, Jan Haelssig and Justin Wong, <i>Dalhousie University</i>	<i>Innovative Methods Of Teaching In A Large Engineering Classroom Environment</i> Aezeden Mohamed, <i>Memorial University</i>	<i>Les multiples rôles des étudiants dans un cours de laboratoire en génie : perceptions des étudiants.</i> Ryan Gosselin, Clémence Fauteux-Lefebvre et Nicolas Abatzoglou, <i>Université de Sherbrooke</i>
14:35 - 14:55	<i>Can Mobile Learning Maturity Be Measured? A Preliminary Work</i> Muasaad Alrasheedi and Luiz Capretz, <i>Western University</i>	<i>An Exploratory Case Study of the Use of Video Digitizing Technology to Detect Answer Copying on a Paper-and-Pencil Multiple-Choice Test</i> Carlos Zerpa and Christina van Barneveld, <i>Lakehead University</i>	<i>Machine Learning Methodology for the Analysis of Engineering Student Retention Data</i> Thomas E. Doyle, Spencer Smith and Philip Gabardo, <i>McMaster University</i>	<i>Les projets intégrateurs finaux en génie informatique et logiciel: un contexte d'apprentissage favorisant la transition vers le marché du travail</i> Olivier Gendreau et Jérôme Collin, <i>École Polytechnique de Montréal</i>
14:55 - 15:15	<i>To blackboard or not blackboard, that is the question: Impact of Tablet-PC on student learning experience in structural engineering</i> Hassan Aoude, <i>University of Ottawa</i>	<i>Enhance Derivative Design Considering Global Sensitivity of Design Parameters</i> Hyeong-Uk Park,(1) Kamran Behdinin, Joon Chung and (2) Jae-Woo Lee, <i>Ryerson University, (1) University of Toronto, (2) Konkuk University</i>	<i>Collaborative Research Between Colleges and Universities: A Success Story</i> Nafia Al-Mutawaly and Michael Piczak, <i>Mohawk College</i>	
15:15 - 15:35	<i>Why is Learning Hard: Challenges that MOOCs May Miss Providing?</i> Gordon Stublely, <i>University of Waterloo</i>			

15:35

End of Day 3 ~ End of the CEEA 4th Annual Conference

~ last update June 10, 2013