6th International CDIO Conference 2010, Montréal, Canada

Tuesday, June 15th, 2010

08:00 Registration / Breakfast

09:00
- Introduction & Welcome
- **TW1A** Introductory Workshop — *Establishing the Context and Defining the Learning Outcomes* (E. Crawley)
- **TW1B** Advanced Workshop — *Engineering Reasoning Workshop* (R. Niewoehner)
- **TW1C** Advanced Workshop — Skyscraper

10:00 Coffee Break

- **TW2A** Introductory Workshop — Designing *an Integrated Curriculum* (J. Malmqvist)
- **TW2B** Introductory Workshop — *Designing an Integrated Curriculum* (K. Edstrom)
- **TW1B** Advanced Workshop — *Engineering Reasoning Workshop* (R. Niewoehner)
- **TW1C** Advanced Workshop — Skyscraper

- **TW3A** Introductory Workshop — *Engaging Students in their Learning* (M. Murphy)
- **TW3B** Introductory Workshop — *Engaging Students in their Learning* (C. McCartan)

12:00 Lunch

13:00 Lunch

14:00
- **TW4A** Introductory Workshop — *Design-Implement Experiences* (P. Goodhew)
- **TW4B** Introductory Workshop — *Design-Implement Experiences* (R. Hugo)
- **TW4C** Advanced Workshop — *Creating Rubrics for Teaching and Learning* (D. Brodeur)
- **TW4D** Advanced Workshop — **Project Based Learning Master Teacher Seminar Outline**

- **TW5A** Introductory Workshop — *Assessing Student Learning* (A. Kozanitis)
- **TW5B** Introductory Workshop — *Assessing Student Learning* (A. McLaren)

16:00 Coffee Break
- **TW6A** Introductory Workshop — *Adapting & Implementing the CDIO Approach* (H. Leong-Wee)
- **TW5C** Advanced Workshop — *I miss my pencil 2* (M. Eggermont)
- **TW4D** Advanced Workshop — **Project Based Learning Master Teacher Seminar Outline**

- Workshop Summary & Closing

18:00 Dinner Cruise

Wednesday, June 16th, 2010

08:00 Registration / Breakfast / CDIO Leaders' Meeting

Welcome
Christophe Guy, Pierre Lafleur, École Polytechnique de Montréal

09:00 — W1: Plenary Session

Ed Crawley, Johan Malmqvist, Peter Goodhew, Advisory Committee
CDIO and Engineering Education Quality Assurance: A Global Perspective.

10:00 Éric Mazur, Harvard University
Memorization or understanding: are we teaching the right thing?

Maura Borrego, Virginia Polytechnic Institute
Creating a Culture for Scholarly and Systematic Innovation in Eng. Education.

Coffee Break

- **W2A** Implementing CDIO
- **W2B** Entrepreneur-ship
- **W2C** Professional Skills
- **Advanced Workshop** Skyscraper PBL

13:00 Lunch / Roundtables

14:00
- **W3A Workshop** Maura Borrego — *Creating a Culture for Scholarly and Systematic Innovation in Engineering Education*
- **W3B Workshop** Éric Mazur — *Peer instruction: The Interactive Learning Toolkit*
- **Advanced Workshop** Skyscraper PBL

Coffee Break

16:00
- **W4A** Chemical Engineering within CDIO
- **W4B** Assessment
- **W4C** Overview of Engineering
- **W4D** Integration and Evaluation
- **Advanced Workshop** Skyscraper PBL

W5: Poster Teaser Session
Chair: Rick Sellens, Queen's University at Kingston

18:00 Poster Session / Meet-the-Authors Reception

Thursday, June 17th, 2010

08:00 Registration / Breakfast

T1: Plenary Session
Chair: Clément Fortin, École Polytechnique de Montréal

09:00
Jean-Paul Lemarquis, Bombardier Aerospace
Dave Wisler, General Electric
3rd speaker

10:00 Coffee Break

11:00
- **T2A** International Mobility Multicultural
- **T2B** Sustaining CDIO Implement.
- **T2C** Active Learning 1
- **T2D** Industry Connections 1
- **T2E** CDIO Academy Design Competition

Lab Tours

13:00 Lunch / Roundtables

14:00
- **T3A** Accreditation Certification
- **T3B** Undergrad. Education
- **T3C** System Eng. and Mechatronics
- **T3D** Industry Connections 2
- **T3E** CDIO Academy Design Competition

Coffee Break

16:00
- **T4A** Curriculum Design
- **T4B** Active Learning 2
- **T4C** Engineering and Design
- **T4D** CDIO Academy Design Competition

Closing Session
Chair: Clément Fortin

CDIO Academy Awards
Martin E. Vigild, Technical University of Denmark