

11th Annual High School Physics Teacher Workshop

Memorial University of Newfoundland, St. John's, NL
Tuesday, 14 June 2011



TENTATIVE SCHEDULE

last updated 06 May 2011

- 8:00 am Registration: Teachers can pick up tags and information
- 9:00 am Hands on activity: Undergrad-level mechanics lab and the technology it involves
- 10:15 am *Refreshment break*
- 10:45 am Discussion: Common challenges between high school and MUN instructors
- 11:45 am CAP Teaching Medal Award Talk

- 12:15 pm *Lunch* (Speaker: Robert Corriveau, Canadian Institute for Photonic Innovations)

- 13:15 pm Afternoon activity: develop course module on chaos
- 13:30 pm Executive summary – a brief introduction to chaos
- 14:00 pm Small group work: chaos activities for PHYS 3204
- 14:30 pm Discuss strategies as a large group
- 15:00 pm Write up module
- 15:15 pm *Refreshment break*
- 15:45 pm Group discussion OR attending teaching talks in Parallel Session 3
- 16:30 pm Wrap-up: maintaining links between high schools and MUN
- 17:00 pm Workshop ends

Highlights from other Congress Activities:

- Teachers are invited to the public Herzberg lecture by Dr. Rolf-Dieter Heuer, the Director General of CERN (European Organization for Nuclear Research), which is the world's leading laboratory for particle physics. *7:30 pm Monday, June 13 in the Arts & Culture Centre*
- During the Teacher Workshop the Division of Physics Education is holding a series of sessions on university physics teaching around the theme of Innovations in Physics Education. See the CAP congress outline (www.cap.ca/en/congress/2011) for details of these sessions.

Accommodation and other conference information: www.cap.ca/en/congress/2011

For more information, contact Rick Goulding (rgoulding@mun.ca) or Kris Poduska (kris@mun.ca).

Sponsors:

Division of Physics Education of the Canadian Association of Physicists
Canadian Institute for Photonic Innovations