Optimization Workshop

Optimization,
Convex Analysis
& Nonsmooth Analysis

July 9, 10, 11, 2012
University of British Columbia
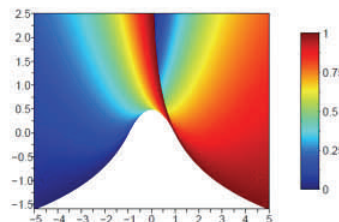Okanagan campus, Kelowna BC

The workshop will provide undergraduate students in mathematics and computer science with an introduction to optimization, and a flavour of the research that is ongoing in the department. All courses and lab will be delivered by UBC faculty members from the departments of Mathematics and Computer Science.

The optimization workshop will include over 2.5 days

- ☑ 3 introductory courses on

    - ☑ monotone operators

    - ☑ derivative-free optimization

    - ☑ variational analysis

- ☑ 1 hands-on lab on computer-aided tools for convex analysis

- ☑ 3 presentations:

    - ☑ 2 presentations by international researchers in optimization

    - ☑ 1 presentation on optimization in industry by a UBC alumnus

- ☑ 1 optimization competition with cash prizes

Organizers:

- Heinz Bauschke (Mathematics)

- Warren Hare (Mathematics)

- Yves Lucet (Computer Science)

- Shawn Wang (Mathematics)

    For more information, visit **http://ocana.ok.ubc.ca/workshop-2012/**