Submittee: Weiran Sun
Date Submitted: 2014-02-05 12:10
Title: Applied Math Workshop
Event Type: Conference-Workshop

Location:
TASC II 8500, Simon Fraser University

Dates:
Jan 10 - 11, 2014

Topic:
Analysis of various deterministic and stochastic models in applied math.

Methodology:
One distinguished lecture on Jan 10 // Two talks on Jan 10 // Six talks on Jan 11

Objectives Achieved:
The main objective of this workshop which has been well achieved is to enhance the communication of applied mathematicians from the local universities. In addition, many participants had fruitful discussions with the keynote speaker Dave Levermore, who has a broad research area that overlaps with many mathematicians from the local university. This workshop also provided a chance for graduate students to communicate with mathematicians from different universities.

Scientific Highlights:
Collaboration established: Dave Levermore, Razvan Fetecau, and Weiran Sun on analysis of a kinetic aggregation model.   ///   Example of fruitful discussions: Dave Levermore, Reinhard Illner, and Slim Ibrahim on global wellposedness of the Boltzmann equation; Dave Levermore, Henning Struchtrup, and Anirudh Singh Rana on moment closures; Muhammad Awais and Weiran Sun on analysis of a fluid model for nonhydrostatic processes.

Organizers:
Sun, Weiran, Department of Mathematics, Simon Fraser University

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Speakers:
See attachment

Links:
http://www.pims.math.ca/scientific-event/140110-amw

File Uploads:
Additional Upload 1: http://www.pims.math.ca/files/final_report/Abstract_and_Title.pdf
Additional Upload 2:
http://www.pims.math.ca/files/final_report/Schedule-Workshop-SFU-Jan-2014.pdf

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