Location:

University of Lethbridge, Lethbridge, Alberta

Dates:

May 12-13, 2012

Topic:

Linear Algebra - Operator Theory - Matrix Analysis

Methodology:

Invited and contributed talks.

Objectives Achieved:

Provided an opportunity for researchers and mathematicians in linear algebra and its applications to meet, present accounts of their research, and to hold informal discussions. In the words of one invited speaker "The talks were wonderful and thought provoking. I am still working on some problems I learned at the meeting" and in words of a graduate student "It is my first time attending linear algebra conference and having the chance to meet many linear algebraists. An unforgettable experience".

Scientific Highlights:

The talks ranged from purely theoretical "Local-to-Global Properties of Semigroups of Matrices" to one of the most practical area "Randomized Spectral Divide-and-Conquer: a Communication-Optimal Approach to the Non-symmetric Eigenproblem" of linear algebra.

Organizers:

Fallat, Shaun, Math. and Stat., University of Regina, Saskatchewan// Kharaghani, Hadi, Math and CS, University of Lethbridge, Alberta// Kirkland, Steve, Math., National University of Ireland, Maynooth, Ireland// Lancaster, Peter, Math and Stat., University of Calgary, Alberta// Tstatsomeros, Michael, Math., Washington State University, Pullman, USA// van den Driessche, Pauline, Math and Stat., University of Victoria//

Speakers:

Links:

http://www.cs.uleth.ca/WCLAM

Comments / Miscellaneous:

The financial support is greatly appreciated.

File Uploads:

Additional Upload 1: <u>http://www.pims.math.ca/files/final_report/abstracts_5.pdf</u> Additional Upload 2: <u>http://www.pims.math.ca/files/final_report/wclam2012-participants.pdf</u>