Location: UBC

Dates: August 11-15, 2008

Topic: The conference attempted to tie together the following topics:  
* Asymptotics involving similarity solutions---  
* Systematic methods for obtaining wider classes of symmetries and conservation laws for partial differential equations---  
* Numerical methods for partial differential equations based on symmetries and/or conservation laws---  
* Software for finding symmetries/conservation laws/similarity solutions for partial differential equations

Methodology:  
* Presentations by leading researchers on the topics---  
* Special (recorded) afternoon session devoted to open problems (chaired by G. Bluman): presented ideas to be incorporated in the introductory paper of the triple issue---  
* Software presentations at the end of the special afternoon session

Objectives Achieved: Networking developed from researchers from the four topic areas, especially through special journal issue

Scientific Highlights: summarized previously

Organizers:  
Stephen Anco, Brock University--- George Bluman, UBC--- Phil Broadbridge, Director AMSI (Australian Mathematical Sciences Institute), Melbourne Australia--- John King, University of Nottingham--- Michael Ward, UBC
Speakers:  
Other participants:  Margaret Liang, Vancouver--- Mary Pugh, Mathematics, University of Toronto--- John Stockie, Mathematics, Simon Fraser University--- Anthony Peirce, Mathematics, UBC--- George Bluman, Mathematics, UBC--- Michael Ward, Mathematics, UBC--- Robert Israel, Mathematics, UBC--- Greg Reid, Applied Mathematics, University of Western Ontario--- Andy Wan, Mathematics, UBC--- Alan Lindsay, Mathematics, UBC--- Kee Lam, Mathematics, UBC---

Links:  
http://www.pims.math.ca/scientific/general-event/similarity-generalizations-applications-and-open-problems