



Pacific Institute *for the*
Mathematical Sciences

CMOS/CGU/CWRA Joint Scientific Congress: MATHEMATICS OF PLANET EARTH SYMPOSIUM

May 26-30, 2013

TCU Place, Saskatoon, Saskatchewan

2013 has been designated as the year of Mathematics of Planet Earth with goals to “focus mathematical research on [earth science] problems, provide a platform to showcase the essential relevance of mathematics to planetary problems, coalesce activities currently dispersed among institutions, and create a context for mathematical and interdisciplinary developments that will be necessary in order to address a myriad of issues and meet global challenges in the future.”

This symposium will be structured thematically around topics that represent different aspects of the interactions between mathematics and the geophysical sciences and are currently areas of active research for mathematicians and geophysical scientists.

CONTRIBUTED PRESENTATION THEMES:

Geostatistics and Climate Diagnostics
Stochastic Dynamics in Geosciences
Dynamical Systems and Predictability of Geophysical Flows
Balanced Dynamics and Interactions Across Scales
Numerical Modeling and Data Assimilation in Geophysics

PLENARY SPEAKER:

Ted Shepherd (University of Reading)

INVITED SPEAKERS:

Francis Zwiers (Pacific Climate Impacts Consortium, University of Victoria)
Richard Kleeman (Courant Institute, New York University)
Jacques Vanneste (University of Edinburgh)
Dimitris Giannakis (Courant Institute, New York University)
Pierre Gauthier (Université du Québec à Montréal)

Please submit abstracts electronically by February 16, 2013 to <https://www1.cmos.ca/abstracts>

ORGANIZERS:

Norman McFarlane ,Boualem Khouider ,Adam Monahan , Peter Bartello

PART OF THE CROSS CANADA SERIES OF LECTURES ON MATH OF PLANET EARTH



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