



PIMS Workshop on Mathematical Sciences and Clean Energy Applications

University of British Columbia
21 -24 May, 2019

To minimize climate impacts and prevent runaway climate change, the energy chain of the global economy must be drastically decarbonized. This exploratory workshop will build a greater dialogue between those in the mathematical sciences and the clean energy sector. The workshop will include: first-hand accounts of mathematical scientists working in clean energy projects, gentle introductions to clean energy systems and mathematical tools, graduate student presentations, and panel discussions on topics such as challenges in clean energy. The goal of the workshop is to inspire interest in further exploration and to nucleate collaborations between mathematical scientists and practitioners in clean energy. Mathematical scientists with no previous experience in clean energy research are welcome.

Confirmed Speakers

Eric Anderson, Anderson Optimization
Aleksandr Aravkin, UWashington
Tony Bi, UBC
Matthew Breakey, WSP, Wind Energy
Guy Dumas, ULaval
Michael Friedlander, UBC
Lorne Gettel, Electra Motor Corporation
Bhushan Gopaluni, UBC
Takashi Hikiyama, KyotoU
Artem Korobenko, UCalgary
Elena Popovici, Neuro Technology Inc.
Bryson Robertson, Oregon State University
Deniz Sezer, UCalgary
Anatoliy Swishchuk, UCalgary
Mike Thiessen, Genus Capital Management
Peter Vorobieff, University of New Mexico
Cameron Wade, UVictoria
Antony Ware, UCalgary
Andrew Weaver, BC Legislative Assembly & UVictoria
Brian Wetton, UBC
David Wood, UCalgary
*Other speakers to be confirmed

Session Topics Include:

Wind
Energy Market Modelling
Water
Optimization
Solar
Storage and Distribution
Electrochemical
Energy Policy

Organizers

Bill Aiello, UBC
Richard Karsten, AcadiaU
Brian Marcus, UBC
Vakhtang Putkaradze, UAlberta

For more information and to register, please visit:

www.pims.math.ca/cleanenergy

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