

Graduate Mathematical Modelling in Industry Workshop



UNIVERSITY
OF MANITOBA

July 31 - August 5, 2017
The University of Manitoba



This workshop is designed to provide graduate students and qualified advanced undergraduates with first-hand experience in industrial research in the mathematical sciences. It will focus on team work to tackle specific projects in mathematical and statistical modelling of industrial processes, with an emphasis on the development of young researchers.

ORGANIZERS:

Michael Lamoureux (UBC); Odile Marcotte (UQÀM); Tom Salisbury (York); Kirill Kopotun (UofM)

PROBLEMS AND SHORT COURSES:

Problems

1. Reconciling potential and effective air travel data
2. Modelling cell signalling pathways
3. Modelling a quantum spin network
4. Modelling the organization of a cytoskeleton
5. Financial Risk Forecasting

Mentors

Julien Arino - University of Manitoba
Marine Jacquier - University of Manitoba
Sarah Polsker - Brandon University
Stephanie Portet - University of Manitoba
A. Thavaneswaran & A. Paseka - University of Manitoba

For more information, please visit:

<http://www.pims.math.ca/industrial-event/170731-gmmiw>

