

CALL for PAPERS

ICIAM 2011



**7th International Congress on
Industrial and Applied Mathematics
July 18-22, 2011
Vancouver, British Columbia, Canada**

ICIAM 2011 will highlight the most recent advances in the discipline and demonstrate their applicability to science, engineering, and industry. In addition to the traditional, strong focus on applied mathematics, the Congress will emphasize industrial applications and computational science. An integrated program will highlight the many outstanding contributions of applied mathematics. ICIAM 2011 will also be an opportunity to demonstrate to young researchers and graduate students the vast potential of mathematics.

The Congress is being planned by the Canadian Applied and Industrial Mathematics Society (CAIMS), the Mathematics of Information Technology and Complex Systems (MITACS), and the Society for Industrial and Applied Mathematics (SIAM).

SCIENTIFIC PROGRAM COMMITTEE (CO-CHAIRS)

Ivar Ekeland, Professor, Mathematics,
University of British Columbia

Jerrold Marsden, Professor, Control
and Dynamical Systems, California
Institute of Technology

INVITED SPEAKERS

Dr. John Bell
*Lawrence Berkeley
National Laboratory*

Dr. Vicent Caselles
Universitat Pompeu Fabra

Dr. Sergio Conti
Universität Bonn

Dr. Michael C. Ferris
*University of Wisconsin
Madison*

Dr. Gilles Francfort
*Université Paris-Nord,
Villetaneuse*

Dr. Peter Fritzon
Linköpings universitet

Dr. Zhi Geng
Peking University

Dr. Clovis Gonzaga
*Federal University of
Santa Catarina*

Dr. Matthew Hastings
*University of California
at Santa Barbara*

Dr. John Hogan
University of Bristol

Dr. Philip Holmes
Princeton University

Dr. Yoh Iwasa
Kyushu University

Dr. Ron Kimmel
Israel Institute of Technology

Dr. Shigeo Kusuoka
University of Tokyo

Dr. Kerry Landman
University of Melbourne

Dr. Mark Lewis
University of Alberta

Dr. Christian Lubich
Universität Tübingen

Dr. Alexander McNeil
Heriot-Watt University

Dr. Benoit Perthame
*Université Pierre et
Marie Curie*

Dr. Benedetto Piccoli
*Consiglio Nazionale delle
Ricerche*

Dr. Pierre Sagaut
*Université Pierre et
Marie Curie*

Dr. Andrzej Swierniak
*Silesian Technical U
(Politechnika Śląska)*

Dr. Rudiger Westermann
*Technische Universität
München*

Dr. Bin Yu
*University of California,
Berkeley*

Dr. Pingwen Zhang
Peking University

Dr. Francis Zwiers
*Canadian Centre for Climate
Modelling and Analysis*

DEADLINES TO REMEMBER

- **August 18, 2010**
Early deadline for minisymposium proposals
Online registration opens
- **September 17, 2010**
Early decisions announced for minisymposium proposals
- **October 4, 2010**
Final submission deadline for minisymposium proposals
- **October 29, 2010**
Final decisions announced for minisymposium proposals
- **December 15, 2010**
Submission deadline - accepted minisymposia abstracts
Submission deadline - contributed paper abstracts
- **January 14, 2011**
Notifications sent to accepted contributed speakers
- **February/March 2011**
ICIAM 2011 program posted online

SPECIAL FOCUS THEMES

- Computational and Modeling
Challenges in Industry
- Control Theory
and Applications
- Design and Verification
of Complex Systems
- Dynamical Systems
and its Applications
- Economics and Finance
- Environmental Science,
including Ocean, Atmosphere,
and Climate
- Fluid Mechanics
- Graphics, Visualization,
and Computation
- Image and Signal Processing
- Materials Science
- Mathematical Biology
- Mathematical Medicine
and Physiology
- Mathematical Physics
- Mathematical Programming
and Industrial Applications
- Molecular Simulation:
Quantum and Classical
- Numerical Analysis
- ODE, PDE, and Applications
- Scientific Computing
- Solid Mechanics
- Statistical Sciences

WELCOME TO VANCOUVER!

Incredible mountains, sparkling ocean, and a cosmopolitan flair make Vancouver perfect for work or play. Exceptional cuisine, first-class hotels, and outstanding facilities, including the award-winning expanded convention center, are just some of the things that will make your Vancouver experience unforgettable.

E-mail organizers at info@iciam2011.com

Sign up for ICIAM E-alerts at www.iciam2011.com

Submit minisymposium proposals and abstracts
at "Call for Proposals" on www.iciam2011.com



Canadian Applied and Industrial
Mathematics Society



Mathematics of Information
Technology and Complex Systems



Society for Industrial
and Applied Mathematics

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