

# CRM-PIMS Joint thematic program in challenges and perspectives in probability

A thematic program on Challenges and Perspectives in Probability will be held at the CRM in Montreal and PIMS-UBC in Vancouver during 2008-09. This program complements the CRM's program on Probabilistic Methods in Mathematical Physics, which will be held in Montreal during 2008-09.

For more information on the latter, see:  
<http://www.crm.umontreal.ca/Mathphys2008/>

## Workshops

### Combinatorics, Randomization, Algorithms and Probability

Organisers: L. Addario-Berry (Montreal), L. Devroye (McGill), B. Reed (McGill)  
At CRM: May 4-8, 2009

### New Directions in Random Spatial Processes

Organisers: O. Angel (Toronto), A.E. Holroyd (UBC), A. Jarai (Carleton)  
At CRM: May 11-15, 2009

*The following workshop is part of the CRM Program on Probabilistic Methods in Mathematical Physics and may be of interest to participants in the above two workshops  
(see <http://www.crm.umontreal.ca/Mathphys2008/> for up-to-date information about this workshop):*

### Interacting Stochastic Particle Systems

Organisers: K. Khanin (Toronto), J. Lebowitz (Rutgers), J. Quastel (Toronto), T. Seppalainen (Madison)  
At CRM: May 18 - 23, 2009

### Random Walks in Random Environments

Organisers: M.T. Barlow (UBC), E. Bolthausen (Zurich), O. Zeitouni (Technion/Minneapolis)  
At PIMS-UBC: June 15-19, 2009

### Symposium in Honour of David Brydges and Joel Feldman

Organisers: R. Froese (UBC), T. Kennedy (Arizona), M. Salmhofer (Leipzig), G. Slade (UBC)  
At PIMS-UBC: July 5, 2009

### The Renormalization Group and Statistical Mechanics

Organisers: D.C. Brydges (UBC), J. Feldman (UBC), A. van Enter (Groningen)  
At PIMS-UBC: July 6-10, 2009

### Mathematical Challenges from Molecular Biology and Genetics

Organisers: R. Durrett (Cornell), E. Perkins (UBC)  
At BIRS: September 6-10, 2009

## Summer School

Two 30-hour graduate courses:

Renormalisation Group and Related Topics, David Brydges (UBC)

Stochastic Population Systems, Don Dawson (Carleton and McGill)

At PIMS-UBC: June 8 to July 3, 2009

## Other Scientific Activities

Aisenstadt Chair Svante Janson will visit the CRM October 13-25, 2008

PIMS Distinguished Chair Don Dawson will visit PIMS-UBC during the 2009 Summer School.

The Postdoctoral Programme in the Probability Group at UBC will be expanded during 2008-09.

Apply as described at:

<http://www.math.ubc.ca/Research/Probability/>

## Scientific Committee

David Brydges and Gordon Slade (co-chairs, UBC)

Martin Barlow (UBC)

Erwin Bolthausen (Zurich)

Luc Devroye (McGill)

Frank den Hollander (Leiden)

Greg Lawler (Chicago)

Yvan Saint-Aubin (Montreal)