

Centre de recherches mathématiques
Université de Montréal

Mini-cours : La biologie quantitative
Du 22 au 23 septembre 2007

Minicourse: Quantitative Biology
September 22-23, 2007

HORAIRE / *PROGRAM*

Conférences : salle 6214
Pauses-Café : salle 6245

Lectures: Room 6214
Coffee Breaks: Room 6245

Le samedi 22 septembre 2007 / *Saturday, September 22, 2007*

08:30 Inscription (5345) / *Registration (5345)*

08:30 Café (6245) / *Coffee (6245)*

09:00 - 10:00 **John Tyson** (Virginia Polytechnic Institute & State University)

“Sniffers, Buzzers, Toggles and Blinkers: The Molecular Mechanisms of Intracellular Information Processing”

10:00 - 10:30 Pause-café / *Coffee break*
(Salle / *Room* 6245)

10:30 - 12:00 **Theodore J. Perkins** (McGill University)

“Inferring Models of Gene Expression Dynamics Based on Expression Data”

12:00 - 14:00 Pause déjeuner / *Lunch Break*

14:00 - 15:30 **Peter Swain** (McGill University)

“Modelling stochastic gene expression I”

15:30 - 16:00 Pause-café / *Coffee break*
(Salle / *Room* 6245)

16:00 - 17:00 **Peter Swain** (McGill University)

“Modelling stochastic gene expression II”

Le dimanche 23 septembre 2007 / *Sunday, September 23, 2007*

08:30 - 09:00 Café (6245) / *Coffee (6245)*

09:00 - 10:30 **Mads Kaern** (University of Ottawa)
“Synthetic Gene Circuits”

10:30 - 11:00 Pause-café / *Coffee break*
(Salle / *Room* 6245)

11:00 - 12:30 **Mads Kaern** (University of Ottawa)
“Continuation and Bifurcations”

12:30 - 14:00 Pause déjeuner / *Lunch Break*

14:00 - 15:30 **Brian Ingalls** (University of Waterloo)
“Control-Theoretic Approaches to Systems Biology I”

15:30 - 16:00 Pause-café / *Coffee break*
(Salle / *Room* 6245)

16:00 - 17:00 **Brian Ingalls** (University of Waterloo)
“Control-Theoretic Approaches to Systems Biology II”