

# Montreal Workshop on Tropical and Idempotent Mathematics

GERAD

July 3–4, 2013

## PROGRAM

### Wednesday, July 3, 2013

- 8:45–9:15 REGISTRATION
- 9:15–9:30 OPENING OF THE WORKSHOP  
Edouard Wagneur, Chair, Polytechnique Montréal & GERAD
- 9:30–10:30 Professor Karel Zimmermann, Charles University, Prague, Czech Republic  
*Attainable Sets of Extremally Linear Equation Systems – Properties and Applications*
- 10:30–10:45 COFFEE BREAK
- 10:45–11:45 Assistant Professor Hana Tomášková, University of Hradec Králové, Czech Republic  
*Eigenvectors of Hankel and Toeplitz Max-Min Matrices*
- 11:45–13:30 LUNCH
- 13:30–14:30 Professor Nikolai Krivulin, St. Petersburg State University, Russia  
*Linear and Nonlinear Problems in Tropical Optimization*
- 14:30–14:45 COFFEE BREAK
- 14:45–16:00 Discussion  
*Applications of Tropical Mathematics in Optimization and Mathematical Physics*

### Thursday, July 4, 2013

- 9:30–10:30 Edouard Wagneur, Polytechnique Montréal & GERAD  
*Toward a Classification of Tropical Modules*
- 10:30–10:45 COFFEE BREAK
- 10:45–11:45 Dr. Zuzana Němcová, University of Hradec Králové, Czech Republic  
*Classification of Max-Lukasiewicz Eigenspaces*
- 11:45–13:30 LUNCH
- 13:30–15:00 Discussion on some hot issues and further perspectives  
*Idempotent Interval Analysis, classification problems, etc.*
- 15:00 END OF THE WORKSHOP