



# Journée des Étudiants du GERAD

11 mars 2020 / March 11th, 2020  
Amphithéâtre 6214 - Université de Montréal  
(pavillon André-Aisenstadt)

## Programme

Horaire	Activité
14h00 – 14h05	Mot du directeur / Word from the director
14h05 – 15h20	Présentations des étudiants / Student presentations
15h20 – 15h30	Pause / Break
15h30 – 16h50	Conférencier Invité / Invited speaker
17h00 – 19h00	5@7

## Sessions

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### Présentations des étudiants / Student Presentations : 14h05 – 15h20

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- Gabriele Dragotto** A. Lodi  
*When Nash Meets Stackelberg*
- Mathieu Tanneau** A. Lodi  
*Design and Implementation of an Interior-Point solver*
- Sajad Aliakbari Sani** O. Bahn, E. Delage  
*Affine Decision Rule Approximation to Model Demand Response Uncertainty in Smart Grid*
- Rosemarie Santa González** M. Cherklesly  
*Humanitarian Relief with Mobile Clinics*
- Matthieu Gruson** J.-F. Cordeau, R. Jans  
*Heuristic Algorithm to Solve an Integrated Lot-Sizing and Distribution Problem*
- Philippe Racette** F. Soumis, An. Lodi  
*Neuroevolution for the Crew Rostering Problem with Dynamic Constraint Aggregation*
- Frédéric Quesnel** F. Soumis  
*Using a Neural Network Predictor to Speed Up Aircrew Rostering*

- 9 **Narges Sareshti** R. Jans  
*Epidemic Models and Coronavirus*
- 10 **Charles Cossette** J. Forbes  
*The Basics of Multi-Robot Formation Control*
- 11 **Mohammed Shalaby** J. Forbes  
*3D Position Estimation for Multi-robot Systems Using Range and Attitude Measurements*
- 12 **Thomas Hitchcox** J. Forbes  
*Trajectory Correction in Bathymetric SLAM Using High-Resolution Point Clouds*

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**Conférencier Invité / Invited Speaker : 15h30 - 16h30**

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**Mitchell Cohen** J. Forbes  
*State and Wind-Velocity Estimation and Wind-Field Mapping for Unmanned Aerial Vehicles*