

9:00 à 10:30

# Bloc 1 →

9:00	9:30	9:35
Ouverture — <b>GatherTown</b>	Mot de bienvenue — <b>Hugo Larochelle</b>	Machine learning for drug discovery against infectious diseases — <b>Yoshua Bengio</b>
Coffee Area	Salle Keynote	Salle Keynote

10:30 à 11:30

# Bloc 2 →

10:30			11:00		
Jointly Learning Meanings and Groundings — <b>Timothy J. O'Donnell</b>	Probing human cognition through artificial intelligence — <b>Karim Jerbi</b>	Stochastic Edge Intelligence Hardware — <b>Warren Gross</b>	Challenges in Building Natural Language Interfaces — <b>Siva Reddy</b>	Brain-Computer Interfacing: challenges, next steps, and how AI can help — <b>Guillaume Lajoie</b>	Language Design, Compilation, and Hardware Synthesis for Machine Learning Acceleration — <b>Christophe Dubach</b>
Piste 1	Piste 2	Piste 3	Piste 1	Piste 2	Piste 3

11:30 à 13:00

Pause	Discussion Area
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13:00 à 14:30

# Bloc 3 →

13:00			13:30			14:00		
Metrics and their variants and their use in RL — <b>Prakash Panangaden</b>	Halting Time is Predictable for Large Models: A Universality Property and Average-case Analysis — <b>Courtney Paquette</b>	Development of a computation platform for integrative data modeling in oncology — <b>Martin Vallières</b>	Learning as Control — <b>Pierre-Luc Bacon</b>	Differentiable Games in the Era of Machine Learning — <b>Gauthier Gidel</b>	Machine learning for Big Biomedical Data — <b>Danilo Bzdok</b>	Towards Lifelong Learning Systems — <b>Sarath Chandar</b>	From Generalization Guarantees to Learning Algorithms — <b>Pascal Germain</b>	Interactive learning in healthcare: Challenges and opportunities — <b>Audrey Durand</b>
Piste 1	Piste 2	Piste 3	Piste 1	Piste 2	Piste 3	Piste 1	Piste 2	Piste 3

14:30 à 15:30

Pause	Discussion Area
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15:30 à 17:00

# Bloc 4 →

15:30			16:00			16:30		
Vision and Language: Progress and Challenges — <b>Aishwarya Agrawal</b>	Efficient Learning and Optimization from Sparse Feedback — <b>Christian Gagné</b>	Mitigating Algorithmic Discrimination in Machine Learning — <b>Golnoosh Farnadi</b>	Differentiable Physics: computer graphics as an inductive bias — <b>Derek Nowrouzezahrai</b>	Equivariant Networks for Compositions and Hierarchies — <b>Siamak Ravanbakhsh</b>	Putting AI ethics into practice — <b>Ajung Moon</b>	Strong Gravitational Lensing and Machine Learning in the Era of Large Sky Surveys — <b>Laurence Perreault Levasseur</b>	Deep diffusion geometry: incorporating data geometry in deep representation learning — <b>Guy Wolf</b>	Tackling Climate Change with Machine Learning — <b>David Rolnick</b>
Piste 1	Piste 2	Piste 3	Piste 1	Piste 2	Piste 3	Piste 1	Piste 2	Piste 3

17:00

Fin de l'événement	Discussion Area
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# Mila

# TechAIDE

## Conférence IA

au profit de Centraide du Grand Montréal

### 23 avril 2021

La conférence se déroulera en anglais

