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Presenter Biographies

The Deep Learning & Reinforcement Learning Summer School features workshops, classes and sessions taught by globally-renowned AI researchers and educators from Canada and around the world.

Learn more about three of the already-announced presenters below:

Richard S. Sutton

Richard Sutton is a Professor in the Department of Computing Science at the University of Alberta, a Fellow of the Alberta Machine Intelligence Institute (Amii), a distinguished research scientist at DeepMind and co-author of *Reinforcement Learning: An Introduction*, the foundational textbook of the field. His research interests center on the learning problems facing a decision-maker interacting with its environment, which he sees as central to artificial intelligence. He is also interested in animal learning psychology, in connectionist networks, and generally in systems that continually improve their representations and models of the world.

Yoshua Bengio

Yoshua Bengio is Full Professor of the Department of Computer Science and Operations Research, scientific director of Mila, CIFAR Program co-director of the CIFAR Learning in Machines and Brains program (formerly Neural Computation and Adaptive Perception), scientific director of IVADO and Canada Research Chair in Statistical Learning Algorithms. His main research ambition is to understand principles of learning that yield intelligence. supervises a large group of graduate students and post-docs. His research is widely cited (over 130000 citations found by Google Scholar in August 2018, with an H-index over 120, and rising fast).

Martha White

Martha White is a Fellow of the Alberta Machine Intelligence Institute, an Assistant Professor in the Department of Computing Science and member of the Reinforcement Learning & Artificial Intelligence Lab at the University of Alberta as well as part of the first cohort of Canada CIFAR AI Chairs. Her primary research goal is to develop techniques for adaptive autonomous systems that learn on streams of data with an applied focus on computational sustainability. She focuses on reinforcement learning and representation learning to achieve this goal. In particular, Martha cares about efficient, practical algorithms that enable learning from large amounts of data.