

Workshop on Decoding Decisions: Explainability in ML & Sequential Decision Making

Workshop at The Conference on Robots and Vision (CRV) 2025

Machine learning and sequential decision making systems are increasingly deployed in high-stakes domains such as healthcare, finance, and autonomous systems. However, the opaque nature of these models raises concerns about transparency, accountability, and robustness. This workshop aims to advance research in explainability for machine learning and sequential decision-making by exploring methodologies to interpret model-driven decisions, understand causal mechanisms, and ensure fairness and reliability in real-world use cases.

Submission Deadline: 18th May, 2025, 11:59 PM (AoE).

The workshop will be held on 26th May in Calgary.

For latest news about the workshop, follow [@ddxmlcry](#) on X/Twitter.

Confirmed Speakers



David Meger

Associate Professor

McGill University, Mila

Fairness in Reinforcement Learning with Bisimulation Metrics



Svetlana Yanushkevich

Professor

University of Calgary

LLMs for Expert Elicitation in Probabilistic Causal Modeling



Hassan Sajjad

Associate Professor



Tutorials

**Samira Ebrahimi Kahou**

Assistant Professor

University of Calgary, Mila, CIFAR AI Chair

Explainability in Machine Learning**Ulrich Aïvodji**

Assistant Professor

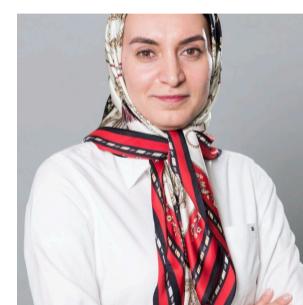
ETS Montreal, Mila

Overview of Interpretability and Explainability Methods, and Practical Considerations

Organizers

**Ankur Garg**

University of Calgary

**Manizheh GhaemiDizaji**

University of Calgary

**Rishav Rishav**

Mila, University of Calgary

**Samira Ebahimi Kahou**

University of Calgary, Mila, CIFAR AI Chair



Program Committee

- Ankur Garg
- Manizheh GhaemiDizaji
- Rishav Rishav
- Kiana Kazeminejad
- Gona Rahmaniani

Questions?

Contact us at explainableml2025@gmail.com or [@ddxmlcrys](#).

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