Session Program

Feb 5 – 7, 2024

2nd collaboration workshop on Reinforcement Learning for Autonomous Accelerators (RL4AA'24)

Contributed Talks

Universität Salzburg (Paris-Lodron-Universität), Blue lecture hall
Hellbrunnerstrasse 34 5020 Salzburg

Wed, February 7

11:00 AM

Contributed Talks
Session |
Location: Universität Salzburg (Paris-Lodron-Universität), Blue lecture hall, Hellbrunnerstrasse 34 5020 Salzburg

11:00 – 11:30   **Reinforcement Learning for FLASH Dose Delivery Optimization**

Speaker
Jonathan Edelen

11:30 – 12:00

Considerations on Reinforcement Learning feasibility for the automatic setup of controlled longitudinal emittance blow-up in the CERN SPS

Speaker
Niky Bruchon

12:00 PM

1:00 PM

Contributed Talks
Session |
Location: Universität Salzburg (Paris-Lodron-Universität), Blue lecture hall, Hellbrunnerstrasse 34 5020 Salzburg

13:00 – 13:30   **Practical Microsecond Real-Time Reinforcement Learning**

Speaker
Luca Scomparin

13:30 – 14:00   **Adaptive X-ray Fluorescence Imaging**

Speaker
Daniel Ratner

14:00 – 14:30

Explainability in Reinforcement Learning: An Application for Powertrain Control

Speaker
Catherine Laflamme

14:30 – 15:00   **Quantum annealing for sample-efficient reinforcement learning**

Speaker
Michael Schenk

3:00 PM