Session Program

Apr 8 – 10, 2024

Machine Learning Conference for X-Ray and Neutron-Based Experiments, Munich 2024

Session 3

Bürgerhaus Garching, Bürgerhaus 1 - Bürgerhaus Main ball room
Bürgerplatz 9 and Telschowstraße 4, 85748 Garching bei München and MLZ Lichtenbergstr. 1 85747 Garching

Mon, April 8

2:30 PM

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2:30 – 3:00 PM

Generative machine learning for scattering and spectroscopy data analysis

Speaker
Andy Sode Anker

3:00 – 3:20 PM

Equivariant Generative Models: Atomic-Scale Representations from Diffraction Patterns

Speaker
Cibrán López Álvarez

3:20 – 3:40 PM

Solving atomic structures by combining analysis of PDF pattern with DFT calculations in machine learning enhanced global optimization

Speaker
Dr Wilke Dononelli

3:40 – 4:00 PM

Signal denoising and active learning for multiplexing spectrometer

Speaker
Dr Daniel Mazzone

4:00 – 4:20 PM

Active-learning assisted neutron spectroscopy: challenges and perspectives

Speaker
Dr Marina Ganeva

4:20 PM