

Session Program

6-7 Feb 2025

Transfer Workshop: ErUM-Scientists & Industry in Dialogue

Short Pitches from Scientists

Novotel Aachen
Peterstraße 66, 52062 Aachen

Thursday 6 February

14:00

Short Pitches from Scientists

Session | **Location:** Novotel Aachen, Peterstraße 66, 52062 Aachen

14:00–14:06

Stephanie Käs: Seeing is Understanding: Training Machines to Recognize Human Actions

14:07–14:13

Patricio Farrell: Numerical methods for innovative semiconductor devices & KoMSO

14:14–14:20

Gabriel Gomes: Search for charged Lepton Flavour violation in Top-Quark Production and Decay with the ATLAS Experiment

14:21–14:27

Stephen Jiggins: Neural Compression of Peta-Byte Scale Data at the LHC

Speaker

Stephen Jiggins

14:28–14:34

Loubna Kadri: Applying Information field theory for background removal in crystalline diffraction patterns

Speaker

Loubna Kadri

14:34–14:40

Ali Ashtiani: Bridging Science and Industry: Collaborative Opportunities with DAPHNE4NFDI

Speaker

Ali Ashtiani Abdi

14:50

15:10

Short Pitches from Scientists: Session 2

Session | **Location:** Novotel Aachen, Peterstraße 66, 52062 Aachen

15:17–15:23

Ivan Kisel: S2B as Science-to-Business

Speaker

Ivan Kisel

15:24–15:30

David Knezevic: Machine learning in neutron activation and gamma spectroscopy

15:31–15:37

Kai Krycki: Machine Learning Methods for Spectral Data

15:38–15:44

Markus Osterhoff: 3D X-Ray Microscopy using Synchrotron Radiation

Speaker

Markus Osterhoff

15:50