



# FAIR-DI European Conference on Data Intelligence 2024

## Monday, October 28, 2024

### Poster Session - Karoline, ground floor (8:00 PM - 9:00 PM)

time	[id] title	presenter
8:00 PM	[14] PATOF: From the Past To the Future: Legacy Data in Small and Medium-Scale "PUNCH" Experiments - a Blueprint for PUNCH and Other Disciplines	HU, Ding-Ze
8:00 PM	[79] Data Format Standardisation for Low Temperature Scanning Tunneling Microscopy	Mr MOZUMDER, Rubel
8:00 PM	[12] Exploiting Social Networking Insights for MOF Research: The Black Hole Dataset as a Catalyst for Enhanced ML Applications in Material Science	JALALI, Mehrdad
8:00 PM	[70] Collecting & storing FAIR (meta-)data: An ARPES example	PIELSTICKER, Lukas
8:00 PM	[80] FAIR Spectroscopy Data in NOMAD: from Theory towards Experiments	BOYDAS, Esma
8:00 PM	[74] Standardization and FAIR data pipelines in X-ray photoelectron spectroscopy: a community-driven approach	PIELSTICKER, Lukas
8:00 PM	[72] FAIR optical spectroscopy	HILDEBRANDT, Ron
8:00 PM	[121] FAIR Management for Astroparticle Physics Data: KCDC Endeavors	TOKAREVA, Victoria
8:00 PM	[81] FAIR Data Quality Metrics in NOMAD	DAELMAN, Nathan
8:00 PM	[76] Examples for Standardization, FAIR Data Analysis Workflows, and Research Data Management for Electron Microscopy and Atom Probe using NOMAD	Dr KUEHBACH, Markus
8:00 PM	[77] Support for NeXus experimental data in NOMAD	BROCKHAUSER, Sandor
8:00 PM	[21] Evaluation of XPS data: neural network-based approach vs. commonly used fitting procedure	Dr NEFEDOV, Alexei

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8:00 PM	[83] FAIR-compliant data acquisition from experiments with NOMAD CAMELS	FUCHS, Alexander
8:00 PM	[85] Explainable AI enables molecular design	FRIEDERICH, Pascal
8:00 PM	[113] The Data Management Plan - from a burden to a key success factor	REHERMANN, Carolin
8:00 PM	[103] Enhancing Heterogeneous Catalysis Research: A Comprehensive Database and Analysis Tool for Infrared Spectroscopy	JÄGERFELD, Jakob
8:00 PM	[82] FAIR Data Management for Soft Matter Simulations using NOMAD	MOHR, Bernadette
8:00 PM	[102] NOMAD and Electronic Lab Notes: A Synergy for Structured, FAIR Data Management	ALBINO, Andrea
8:00 PM	[90] Legal Aspects in Research Data Management	Dr NAKHAIE, Siamak
8:00 PM	[87] AI accelerated Exploration of Optoelectronic Materials using PVD Methods	JARL, Sanna
8:00 PM	[122] LLMicroscopilot STM: An LLM assistant for scanning tunneling microscopy measurements	Dr COJAL GONZALEZ, Jose
8:00 PM	[101] FAIR Principles in Practice: The NOMAD Measurement Plugin for Experimental Data	BRUECKNER, Sebastian
8:00 PM	[112] A Novel Materials Informatics Platform for Holistic, Fast and Cost-effective Materials Screening	CAICEDO-DÁVILA, Sebastián
8:00 PM	[114] Dynamic multi-fidelity decision-making for self-driving labs	FRIEDERICH, Pascal
8:00 PM	[120] Sharing the load - defining responsibilities for common data elements to the appropriate stakeholders in data management	SÖDING, Emanuel