

# NFFA-EUROPE WORKSHOP

📅 26.09.2023

Hybrid event:  
Online | Heinz Maier-  
Leibnitz Zentrum (MLZ),  
Garching/Munich, DE



🕒 9.00 - 13.00

## **FAIR AND OPEN DATA IN NFFA-EUROPE PILOT AND BEYOND**

Open Data practices and FAIR principles — Findable, Accessible, Interoperable, Reusable — are more and more central to various European research infrastructure activities as they allow to verify and reproduce data, fundamental processes for the progress of science. While their benefits start to be clear also to a broader scientific community, a significant effort is needed to make scientific results useful and sustainable.

In the first part of this workshop, the approaches adopted within the NFFA-Europe Pilot project will be presented, starting from the requirements and guidelines provided by the European Commission and then focusing on the solutions and tools implemented to realize them in practice, concerning in particular the design and deployment of the (meta)data infrastructure, the data management plan and the online data services, to conclude with some examples of successful stories.

The second part of the workshop will give an insight from other communities, with the presentation of practical use cases from other relevant European research projects.

# Agenda

Chairs: Rossella Aversa (*KIT*), Giuseppe Piero Brandino (*eXact lab*), Mirco Panighel (*CNR*)

## FIRST SESSION: FAIR data @ NFFA-Europe Pilot

- 09:00 - 09:10    Welcome and Introduction  
Giorgio Rossi, University of Milan, Milan, Italy
- 09:10 - 09:20    Welcome from Heinz Maier-Leibnitz Zentrum  
Wiebke Lohstroh, MLZ, Garching bei München, Germany
- 09:20 - 09:40    General approach to FAIRification in NFFA-Europe Pilot  
Giuseppe Piero Brandino, eXact lab, Trieste, Italy
- 09:40 - 10:00    Open data and open publications in H2020  
Irene Modolo, CNR, Trieste, Italy
- 10:00 - 10:20    Successful stories in NFFA-Europe Pilot and beyond  
Rossella Aversa, KIT, Karlsruhe, Germany
- 10:20 - 10:40    Towards FAIR data in practice: the Scanning Tunneling Microscopy use case  
Mirco Panighel, CNR, Trieste, Italy
- 10:40 - 11:10    Coffee break

## SECOND SESSION: Insights from other communities

- 11:10 - 11:30    **FAIRMAT**  
Multi-Dimensional Photoemission Spectroscopy: a concept for FAIR photoemission data  
Tommaso Pincelli, FHI, Berlin, Germany
- 11:30 - 11:50    **NFDI-MatWerk**  
Digital Materials Environment – An Architecture and Tools based on FAIR Digital Objects for the NFDI-MatWerk  
Marius Politze, RWTH Aachen University, Aachen, Germany
- 11:50 - 12:10    **NCCR MARVEL and MaX CoE**  
More than open data: towards a FAIR data and simulation infrastructure with AiiDA and Materials Cloud  
Giovanni Pizzi, PSI, Villigen, Switzerland
- 12:10 - 12:30    **GO NANO / GO FAIR**  
Approaching FAIR data management in nanotechnologies and semiconductor cleanrooms, the ENL experience  
Lorenza Ferrario, FBK, Trento, Italy
- 12:30 - 12:50    Open discussion
- 12:50 - 13:00    Closing remarks