

FAIRmat Project and Users Meeting

June 16–19, 2026

CSMB Adlershof, Berlin





Program at a Glance

Tuesday, June 16	Wednesday, June 17	Thursday, June 18		Friday, June 19
	9:00–10:15 Invited Talks 2.049	9:00–10:15 Inter-area Meeting 2 2.049	9:00–10:15 Inter-area Meeting 3 1.107	9:00–10:15 FAIRmat Areas Press Briefing 2.049
	10:15–10:45 Coffee Break Foyer	10:15–10:45 Coffee Break Foyer		10:15–10:45 Coffee Break Foyer
	10:45–12:00 Invited Talks 2.049	10:45–12:00 Inter-area Meeting 4 2.049	10:45–12:00 Inter-area Meeting 5 1.107	10:45–11:15 Reports from the Inter-area Meetings 2.049
12:00–13:30 Registration & Lunch Foyer	12:00–13:30 Registration & Lunch Foyer	12:00–13:00 Lunch Foyer		11:15–12:15 Reports from the Cross-area Collaboration Workshop 2.049
13:30–14:00 Welcome & NOMAD Updates 2.049	13:30–16:30 Area Meetings	13:30–14:15 FAIRmat II: Overview, Organization, and Participation 2.049		12:15–13:30 Lunch & Farewell Foyer
14:00–16:00 Tutorial 1 2.049		14:15–14:45 Coffee Break Foyer		
14:00–16:00 Tutorial 2 1.021				
16:00–16:30 Coffee Break Foyer				
16:30–18:30 Expert Panel 2.049	16:30–18:30 Tutorial 3 1.021	16:30–17:00 Coffee Break Foyer		
		17:00–18:00 Inter-area Meeting 1 2.049		
18:30–20:30 Community Exhibit & Dinner Foyer	19:00 Dinner Jalapeño	19:00 Dinner Asteria		

The more detailed program can be found below and on [the webpage](#).





Wednesday, June 17

Area Meetings

Synthesis & Use Cases – Room: 2.049

Experiment – Room: 1.121

Computation – Room: 3.072

Digital Infrastructure – Room: 3.176

Outreach & Management – Room: 1.008

The exact format and duration of the meeting is up to each Area. Rooms are reserved from 13:30 to 16:30.

Inter-area Meeting 1 – Exploring the New NOMAD User Interface: Demo, Insights, and Feedback

Berfin Güner

This session will introduce participants to the redesigned NOMAD user interface, showcasing key improvements. Following a live demonstration, we will facilitate an interactive workshop to gather direct feedback from the community, ensuring the new interface meets the needs of our diverse user base. Please bring your laptop to participate.

Dinner

Jalapeño Restaurant

[Weerthstraße 2, 12489 Berlin](#)

Thursday, June 18

Inter-area Meeting 2 – Interoperability beyond NOMAD: Data Models and Cross-platform Integration

Lauri Himanen

This session will focus on an increasingly urgent challenge concerning the "I" in FAIR: Interoperability, especially considering the wider open-science ecosystem. This matters especially now because of cross-domain and cross-border reuse, the growing need for AI-ready data, and EU open-science policy. The session will map some of the main actors operating at the European and international level and review where NOMAD already interoperates well and where the gaps remain. It will then examine candidate data and metadata standards – including JSON Schema, JSON-LD, RO-Crate, DCAT-AP, FAIR Signposting etc. – noting for each who is advocating it and weighing its likely impact against the effort NOMAD would need to adopt it. The goal is not a verdict but a shared map of the trade-offs, to open a discussion on where NOMAD's interoperability roadmap should extend next.





Inter-area Meeting 3 – NOMAD in Network Projects: Outreach and Integration

Ahmed Mansour

Network research projects, such as collaborative research centers, research training groups, research units, and clusters of excellence, present significant opportunities to scale the adoption of FAIR research data management practices and digital research infrastructures. FAIRmat has engaged with these projects, building on strong community interest. This interest is reflected by the support from 24 network projects for the FAIRmat II proposal. FAIRmat's activities range from research data management workshops, presentations, and consultations to hands-on training, tutorials, and support for NOMAD adoption and customization. In this session, we will review our experiences engaging and integrating network projects, discuss challenges and barriers to adopting NOMAD, and explore approaches to strengthen collaboration and expand FAIRmat's and NOMAD's reach across the community.

Inter-area Meeting 4 – Data Model Harmonization for Synthesis and Experiments in FAIRmat

Hampus Näsström, Lukas Pielsticker

As FAIRmat is about to enter its second funding phase, a key challenge is the harmonization of data models across synthesis and characterization research data workflows. Historically, these areas have followed different approaches to metadata modeling, reflecting distinct requirements for flexibility, usability, and standardization. These approaches range from flexible, ELN-oriented schemas designed to support everyday research workflows to highly standardized representations focused on interoperability and long-term data reuse.

This session will discuss ongoing efforts aimed at bringing these perspectives together into a coherent framework that combines usability, extensibility, and interoperability. We will present current progress towards a more coherent data model, identify common requirements and challenges, and discuss how a shared data-modeling strategy can support FAIRmat's long-term goals.

Inter-area Meeting 5 – Defining the FAIRmat and NOMAD Portfolio: Services and Use Cases

Joseph F. Rudzinski, Ahmed Mansour

In the first funding period, FAIRmat developed a broad portfolio of services, collectively referred to as the NOMAD ecosystem, supporting FAIR research data management and community-driven infrastructure development. These services power both the public NOMAD Central platform and more than 80 NOMAD Oasis deployments operated by research institutions across Germany, Europe, and beyond. Recent activities within the NFDI Managementkreis and related working groups have highlighted the need for a common framework for





describing and documenting services across the NFDI, harmonizing terminology, and establishing a shared understanding of use cases associated with these services.

This session will provide an overview of the FAIRmat service portfolio, introducing a common language for describing and organizing FAIRmat services in alignment with emerging NFDI terminology. We will explore how use cases complement the portfolio by demonstrating how services are adopted, combined, and applied in real-world scenarios. To this end, we will showcase the NOMAD Gallery, a platform for documenting and sharing features, datasets, workflows, and research applications within the NOMAD ecosystem. Participants will gain a clearer understanding of the available services, their intended uses, and how they fit together within the broader NOMAD ecosystem.

Transitioning to FAIRmat II: Overview, Organization, and Participation

This special session is dedicated to preparing the FAIRmat community for the transition to FAIRmat II. The first part, *Overview, Organization, and Participation*, introduces the project's vision, current status, organizational structure, communication channels, shared resources, and opportunities for participation and integration within the consortium. The following topics will be discussed:

- FAIRmat II: Overview, Organization, and Participation
- Organization and Collaboration
- Information Flow, Shared Resources, and Project Visibility
- Onboarding and Integration Process

Transitioning to FAIRmat II: Cross-area Collaboration Workshop

The *Cross-area Collaboration Workshop* will bring participants together to discuss future collaborations, identify synergies across areas, and explore joint activities that will contribute to the success of FAIRmat II. The workshop will consist of the following sessions:

- Overview of Area D: Data Modeling and Interoperability
- Overview of Area E: Digital Infrastructure
- Round-table Discussions: Area D and Area E
- Overview of Area F: Enabling Data-driven Science
- Overview of Area G: Outreach
- Round-table Discussions: Area F and Area G

Dinner

Restaurant Asteria Köpenick

[Alt-Köpenick 6, 12555 Berlin](#)

To reach the dinner venue, please take the direct **tram 63** from **Walther-Nernst-Str.** to **Schloßplatz Köpenick**. If you have a Deutschlandticket, it will be valid for the trip. Otherwise, please purchase a ticket online or on the tram. **Keep the ticket and receipt** and submit them together with your other travel expenses after the event.



Friday, June 19

Progress Reports

This session will provide updates on recent activities across FAIRmat and summarize the outcomes of *Transitioning to FAIRmat II* session. It will include the following reports and updates:

- FAIRmat Areas Press Briefing: Updates and Outlook
- Reports from the Inter-area Meetings
- Reports from the Cross-area Collaboration Workshop

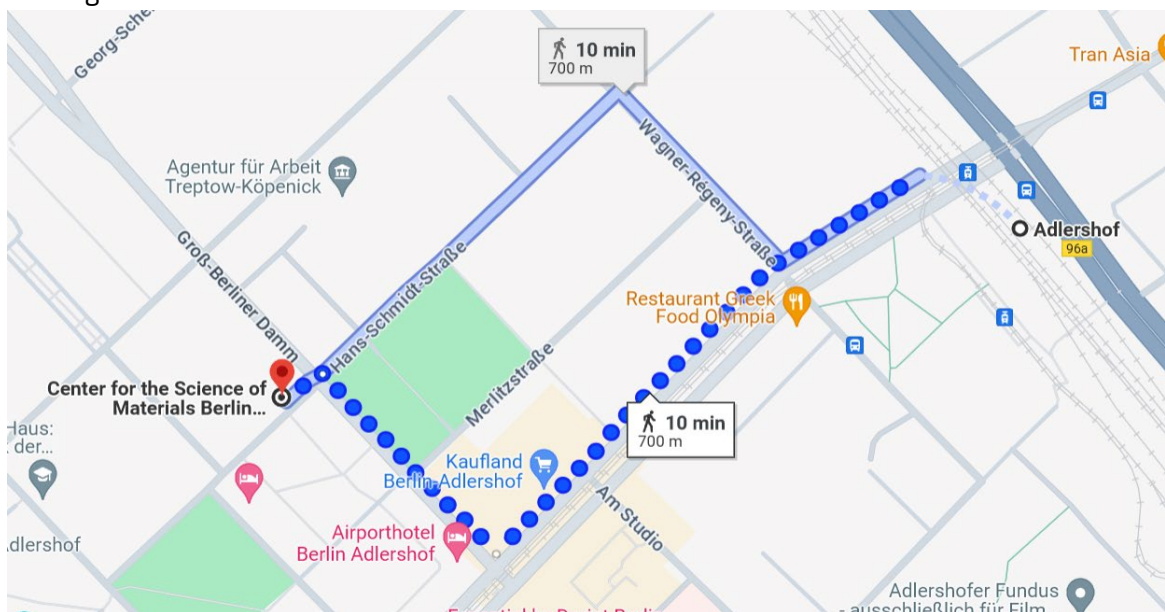
Venue

Center for the Science of Materials Berlin (CSMB)

Zum Großen Windkanal 2, 12489 Berlin

Public transport: S Adlershof (Line: S8, S85, S9, S45, S46)

Walking from S Adlershof:



Contact

General organizational questions:

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