PMDco Hackathon III @ BAM

13th – 15th October 2025 | Lunch 2 Lunch

Day 1: 13th October

12:00 PM	**Registration and Get Together**
1:00 PM	Welcoming / Motivation (BAM / HAP „Semantic Interoperability" lead)
	Introduction Round (all) Fixing the Agenda Find Working Groups
2:00 PM	Coffee Break
2:15 PM	Introduction to PMDco (all) Structure, Concepts, Releases, Discussions
3:15 PM	Coffee Break
3:30 PM	Group Sessions
	Topic 1: Modelling of Materials on different scales[1]
	Topic 2: Modelling of Processes[2]
	Topic 3: MSE Glossary / Taxonomy[3]
	Topic 4: Use Case[4]
	Topic 5: Intro to Ontologies[5]
	Topic 6: Improvement of Documentation
6:00 PM	Presentation of first results (all)
7:30 PM	End of the day

[1] Patterns Modelling: "What does a material look like, possibly on multiple scales?"

[2] Patterns for modelling processes from the perspective of the material, the laboratory, the computational workflow, etc.

[3] Creation of a taxonomy/glossary for the field of MSE, intending to show how axioms/Aristotelian definitions and material properties interact.

[4] Creation of Use Case example: Where can we easily gain added value with an (OWL) ontology?

[5] Beginner's course (if necessary!): Intro to ontologies, feat. "Pizza Tutorial" in Protégé; Please make sure to have Protégé (https://protege.stanford.edu/) installed beforehand.

Day 2: 14th October

9:00 AM	**Parallel Group Sessions**
right corner	Topic 1: Modelling of Materials on different scales[1]
plenum	Topic 2: Modelling of Processes[2]
upstairs	Topic 3: MSE Glossary / Taxonomy + Use Case
left corner	Topic 4: Documentation
11:30 AM	Plenum: **Show your pull requests**, Part 1
12:15 AM	**Group Picture**
12:30 PM	**Lunch** @ BAM Canteen
1:40 AM	Plenum: **Show your pull requests**, Part 2
3:00 PM	Continued **Sessions**
	Expert Round Discussion
3:30 PM	Coffee Break
4:00 PM	Continued **Sessions**
4:45 PM	Coffee Break
5:00 PM	Plenum: Presentation of **results** from Group Sessions
6:30 PM	End of the day Leave venue to travel to restaurant
7:00 PM	**Dinner** @ restaurant "Asami XI", Birkbuschstraße 11, 12167 Berlin (at own cost)

Day 3: 15th October

9:00 AM	**Teamwork**
Plenum	Expert Round Fixation of Results Deliverables
Plenum	What's Next? → Set up future (online) meetings
Plenum **Time & mood permitting**	Coffee Break(s)
11:15 AM	Wrap up
12:30 PM	End of Hackathon

*Information on the BAM canteen (accessible from BAM site):
https://www.gastfroh.de/resources/speisekarten/bam.pdf

**Complimentary coffee and snacks are provided during the event

! Note: Agenda may be subject to change.