

Neutron Detection 2.0 Workshop



MLZ is a cooperation between:

Oktoberfest 2023



Organization

- WiFi: „Intebit Hotspot“, no password, accept terms & conditions
- Lunch: Buffet until 13:00 – help me to have an eye on the time
- Same for coffee breaks & dinner: End times are fixed!
- Group photo today after lunch
- Checkout tomorrow 9:00

Neutron Detection 2.0 Resubmission: Timeline

- 15.06.2023: Kickoff Meeting – Online
- **26.09 – 27.09.2023 Neutron Detection 2.0 Workshop**
 - Adapt WP structure
 - Define WP contents, contributions, responsibilities and timeline
- Detailed writing of WP text
- Administrative steps to prepare for submission
 - Creation of proposal in EU online portal (opening 06.12.23)
 - Invite participants to proposal & fill all required details (Michael Hörmannsdorfer + Kerstin Rickert)
 - drittmittel@frm2.tum.de
- Writing of general part of proposal
 - TUM support for graphical design
 - Proofreading by BayFor
- Obtain Support Letter from LENS (already discussed with LENS chair M. Müller)
- HORIZON-INFRA-2024-TECH-01-01 – Deadline 12.03.2024

HORIZON-INFRA-TECH conditions

- Proposal must include at least 3 European research infrastructures
- „Gender Equality Plan“ needs to be established
- Non-EU countries:
 - UK – associated for all calls with funding in 2024
 - CH – no change

Some statistics

- Number of proposals submitted: 39
- Number of above-threshold proposals: 33
- Accepted Proposals: 13
- Total budget requested for above-threshold proposals: EUR 317.576.229
- Available budget: EUR 110.000.000

→ 3X oversubscribed

New Call - HORIZON-INFRA-2024-TECH-01-01 – Deadline 12.03.2024

- Total Budget: 62M€
- Indicative number of grants: 7 (5-10M€ per project)
- Some rather minor changes in the wording of the call (except for stronger involvement of SMEs)

- Due to the lower budget it will not be straight forward to get our proposal through **BUT**
- We have received rather positive review feedback particularly on our science case (4.5/5) while „Impact“ (3.5/5) and „Quality and efficiency of the implementation“ (3.5/5) need to be improved
- We have a strong consortium with prominent partners and all required expertise
- We have access to consulting through BayFOR („Bayerische Forschungsallianz“) who can give recommendations on the structure and presentation of the proposal
- Establish an advisory panel for the project
- We should carefully reconsider all WPs and take recent progress from all partners into account in order to improve the proposal

Structure of the workshop

- Presentation by Dr. Panagiotou (BayFor) on review results and strategies to improve the proposal
- Latest results presented by Adrian
- Demonstration of TPX3Cam based detector system
- Discussion of WP structure & content alternating with
- Group work to define WP content, interfaces + timeline
- Again, use shared document in OnlyOffice for collaboration

Proposal for new WP structure

1. Project Management
2. Signal Processing, Data Reduction & System Integration
3. Simulation (and Optimization) of Detection Systems
4. Scintillator Development
5. Imaging Detector Systems (Development & Benchmarking)
6. Diffraction Detector Systems (Development & Benchmarking)
7. Communication & Dissemination

Thank you!