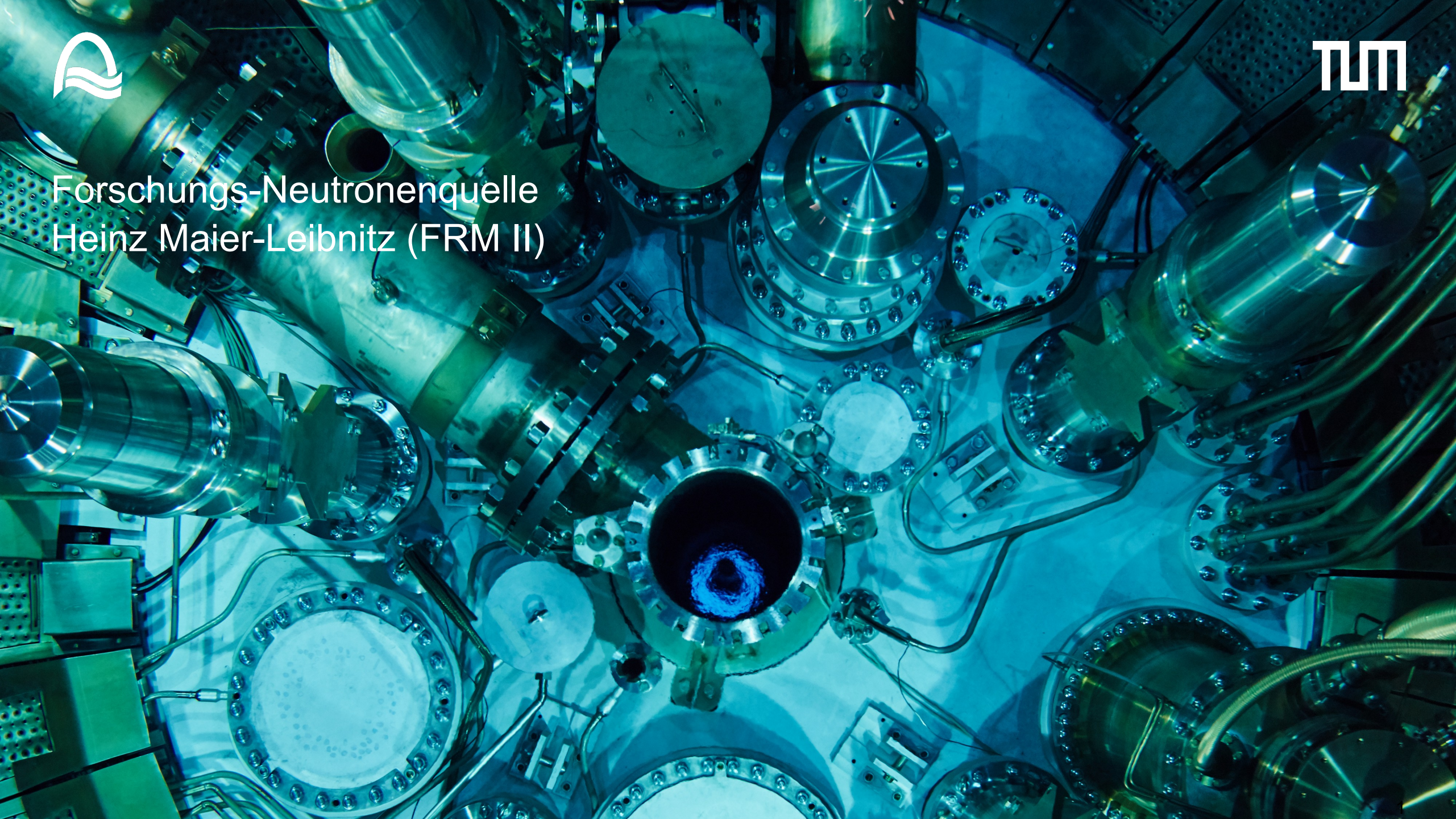




# Forschungs-Neutronenquelle Heinz Maier-Leibnitz (FRM II)





München



Garching





## MLZ /FRM-II

- MLZ ist the scientific use part of the research reactor FRM-II
- Large scale user facility embedded in the TU Munich
- Co-funded by Bavarian (state) and Germany(federal)

## Indico@ MLZ

- Running Indico since 2012
- Migration from 1.x  $\rightarrow$  2.x  $\rightarrow$  3.x
- ~500 events of different scale up to now
- Deployment modernized over the years
  - Initially: VM with direct installation, run from a relatively frequently updated git version
  - Current: Dockerized version, build of git main branch with a few customizations
    - Separate images for webservice and celery
    - Custom multistage build to avoid rebuilding TeXlive too often
  - Planned: move to Kubernetes


# Our git status



Commits on Mar 25, 2025

**LaTeX: Improve templates** ...

 bpedersen2 committed on Mar 25

 18c75bd <>

**Limit atom feed to visible events** ...

 bpedersen2 committed on Mar 25

 10e295d <>

**Add a template hook for contribution list actions**

 bpedersen2 committed on Mar 25

 5ab37fb <>

**MLZ: add boardnumber to title in httpapi exports**


 bpedersen2 committed on Mar 25

 f972d6d <>

**Board number in timetable**

 bpedersen2 committed on Mar 25

 6a8d5ab <>



Heinz Maier-Leibnitz Zentrum

MLZ conference hosting

Public Europe/Berlin B. Pedersen

HomeCreate eventRoom bookingAdministrationServicesMy profile

Main categories

Enter your search term

Create eventNavigateCalendarEyePrint

Welcome

Conferences	80 events	⇒
Events	21 events	⇒
Seminars	203 events	⇒
Lab Courses	18 events	⇒
MLZ internal	92 events	⇒
Testing only	32 events	⇒
Annual Reports	6 events	⇒
Deuteration	5 events	⇒

News

- Indico upgraded to 3.3  
Posted 11 Apr 2024
- Indico upgraded to 3.2  
Posted 25 Aug 2022
- Indico upgraded to 3.1.1  
Posted 2 May 2022

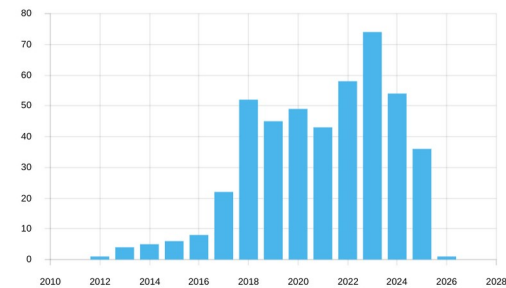
Upcoming events

- MLZ Conference 2025: Neutrons for Fusion and Nuclear Applications  
starts 28 Jul 2025
- Munich Quantum Matter Days  
starts 27 Oct 2025
- MLZ User Meeting 2025  
starts 3 Dec 2025
- Overview of available modern compact accelerator driven neutron sources - CANS  
starts Monday
- The positron instruments at TU Delft - Current status and possible applications  
starts 12 May 2025
- The source for ultra-cold neutrons at the FRM II  
starts 26 May 2025

## Global statistics

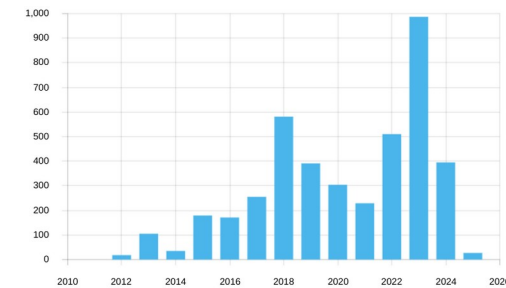
### Number of events

The year is the one of the start date of the event.



### Number of contributions

The year is the one of the start date of the contribution.



458

TOTAL NUMBER OF EVENTS

4,187

TOTAL NUMBER OF CONTRIBUTIONS

1,666

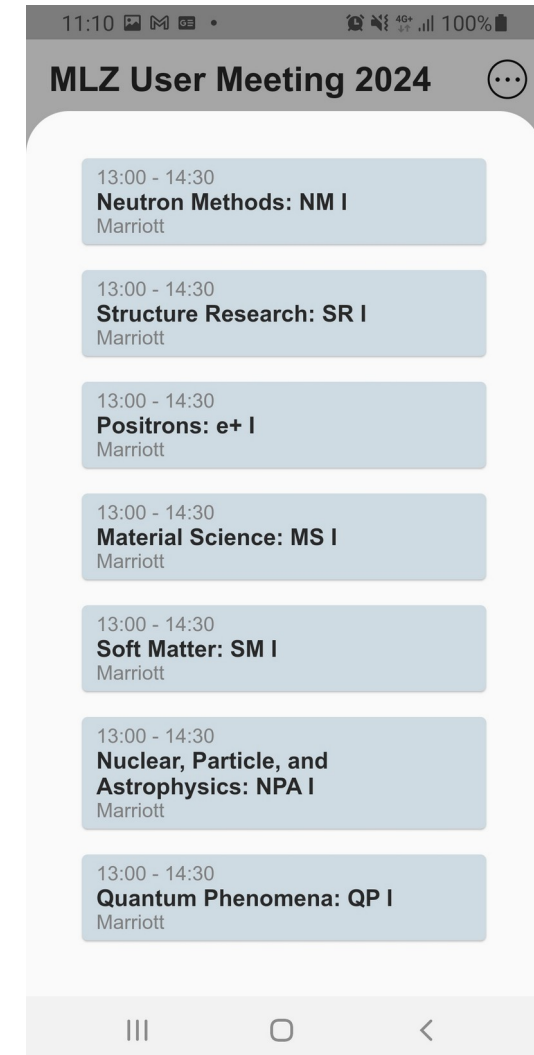
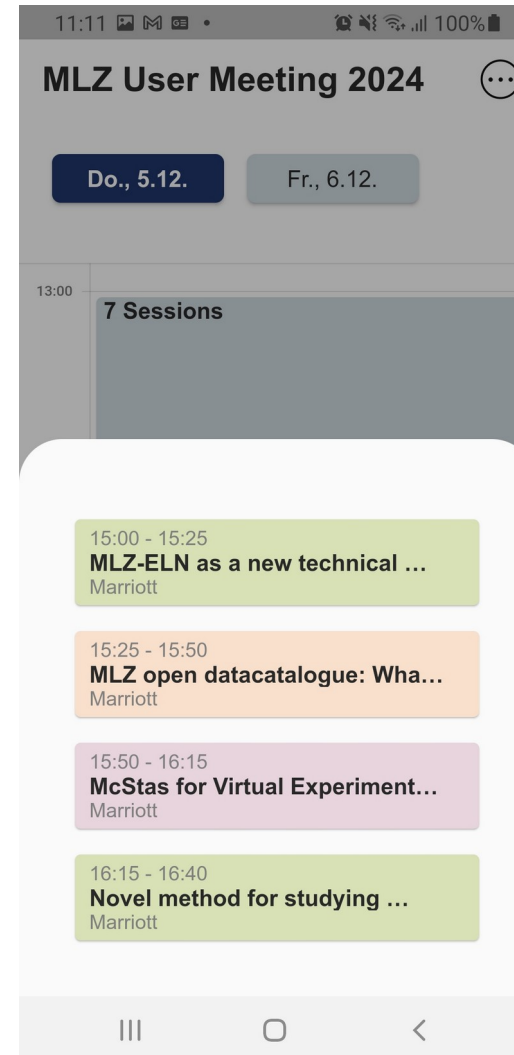
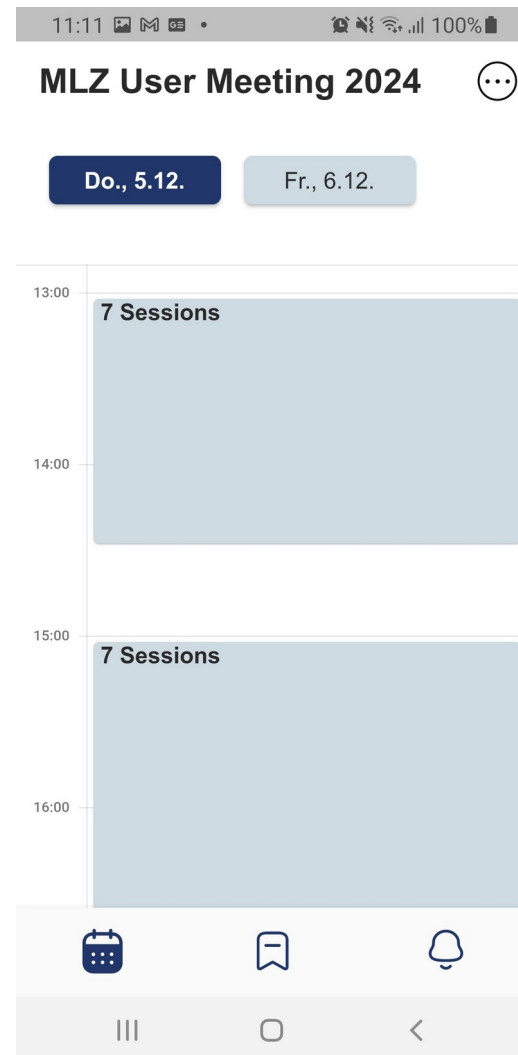
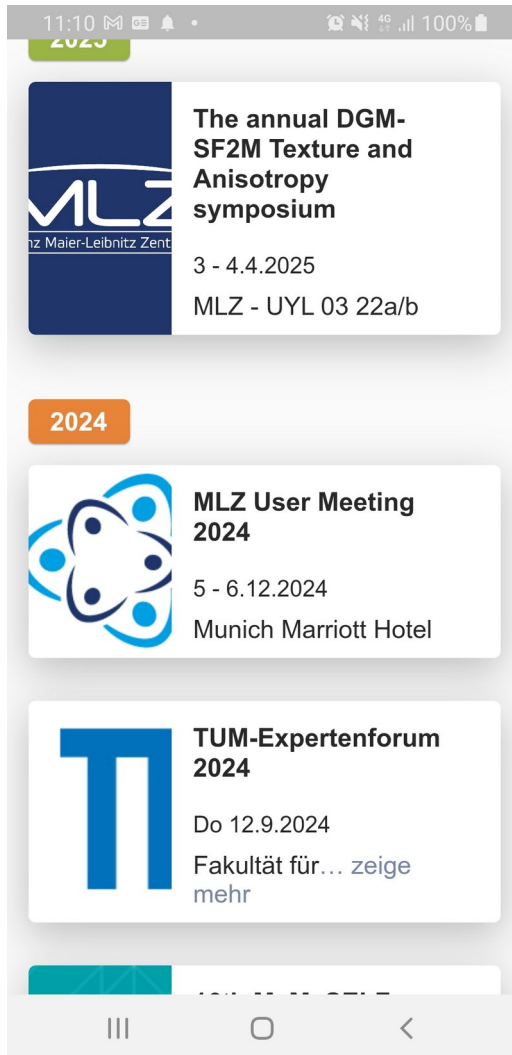
NUMBER OF ATTACHMENTS

4,472

NUMBER OF USERS

Last updated on: 2 May 2025 01:20

# Custom app





## Challenges

- Currently no access to federated logins (EDUGain,...) due to complexity of our university IT
- Some users mix up our indico accounts with the CERN indico accounts (even so I already adjusted the template to make the distinction clear)
- Our typical layouts often require custom css to get the header nice (it would be nice to have an option to switch to an image-display only header with a single click instead)

## Challenges

- Payment is tricky due to no access to direct payment services
- Custom export implemented via plugin

Almost all problems are not on the indico side of things :)



## Summary

- All challenges could be solved with help by the great developer team at CERN and the community
- I always try to feed back the local changes (and most of the time they got merged blazingly fast)
- The new css design is great!