

# Beam Telescopes and Test Beams Workshop

14<sup>th</sup> edition

13-17 April 2026, Mainz

# WELCOME FROM IOC

Tamar



Federica



Anastasiia



Jan-Hendrik



Peter



Younes

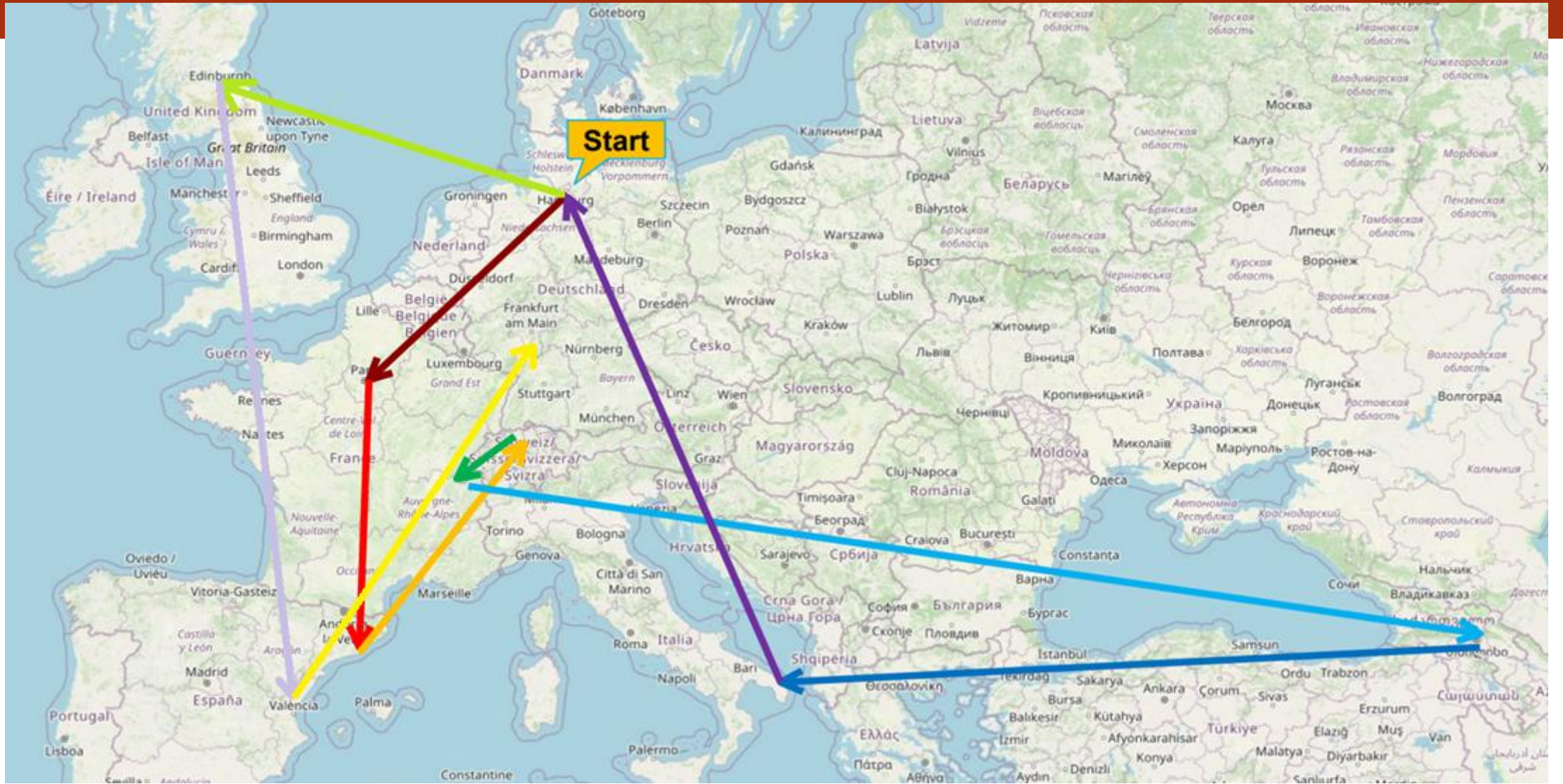


Finn



Gianpiero

# THE JOURNEY OF BTTB



# WELCOME TO MAINZ



Image credit: City of Mainz

**Thanks to our LOC team for bringing BTTB | 4 to Mainz!**

# BTTB14

- April 13<sup>th</sup> to 17<sup>th</sup> in Mainz/Germany
- 79 participants
  - In-person: 68
  - Remotely: 11
- Rich content for the workshop
  - 45 talk contributions
  - 10 poster contributions
  - 3 lectures from invited speakers
  - 4 different hands-on tutorials
  - Social programme

## 14<sup>th</sup> Beam Telescopes and Test Beams Workshop

📅 13 – 17 April 2026

📍 Mainz, Germany

### Topics

- Beam Lines and Infrastructures
- Beam Telescopes and Device Integration
- Data Analysis, Tracking, Alignment
- Simulations and Software Packages

### Deadlines

Abstract Submission: 20.02.2026  
Registration: 20.03.2026



### Local Organizers (U. Mainz)

Niklaus Berger  
Achim Denig  
Martina Kiesel  
Theodoros Manoussos  
Lucia Masetti  
Jannik Petersen

### International Organizers

Jan-Hendrik Arling (DESY)  
Finn King (DESY)  
Federica Oliva (U. Edinburgh)  
Younes Otari (CERN)  
Peter Švihra (FZU, FNSPE)  
Anastasiia Velyka (DESY)  
Gianpiero Vignola (DESY)  
Tamar Zakareishvili (IFIC, UV-CSIC)

<https://indico.cern.ch/event/bttb14> ✉ [bttb14-loc@lists.uni-mainz.de](mailto:bttb14-loc@lists.uni-mainz.de) ✉ [bttb-ws@desy.de](mailto:bttb-ws@desy.de)



# THE SCHEDULE

MONDAY



WELCOME

LECTURE

TALKS

COFFEE

TALKS

RECEPTION

TUESDAY

LECTURE

COFFEE

TALKS

LUNCH

HANDS-ON

COFFEE

TOURS

POSTER SESSION

WEDNESDAY

LECTURE

COFFEE

TALKS

LUNCH

HANDS-ON

COFFEE

HANDS-ON

THURSDAY

TALKS

COFFEE

TALKS

LUNCH

TALKS

COFFEE

EXCURSION

DINNER

FRIDAY

TALKS

COFFEE

TALKS

CLOSING

LUNCH



# THE LECTURES

**The Mainz Energy-Recovering  
Superconducting Accelerator  
MESA - an Overview**



**Prof. Dr. Achim Denig**  
(JGU Mainz)

**Future Detector R&D - An Overview  
of the DRDs and the European  
Strategy for Particle Physics**



**Dr. Thomas Bergauer**  
(MBI Vienna)

**A practical guide to beam  
telescopes**



**Dr. Justus Braach**  
(CERN)

# THE TALKS

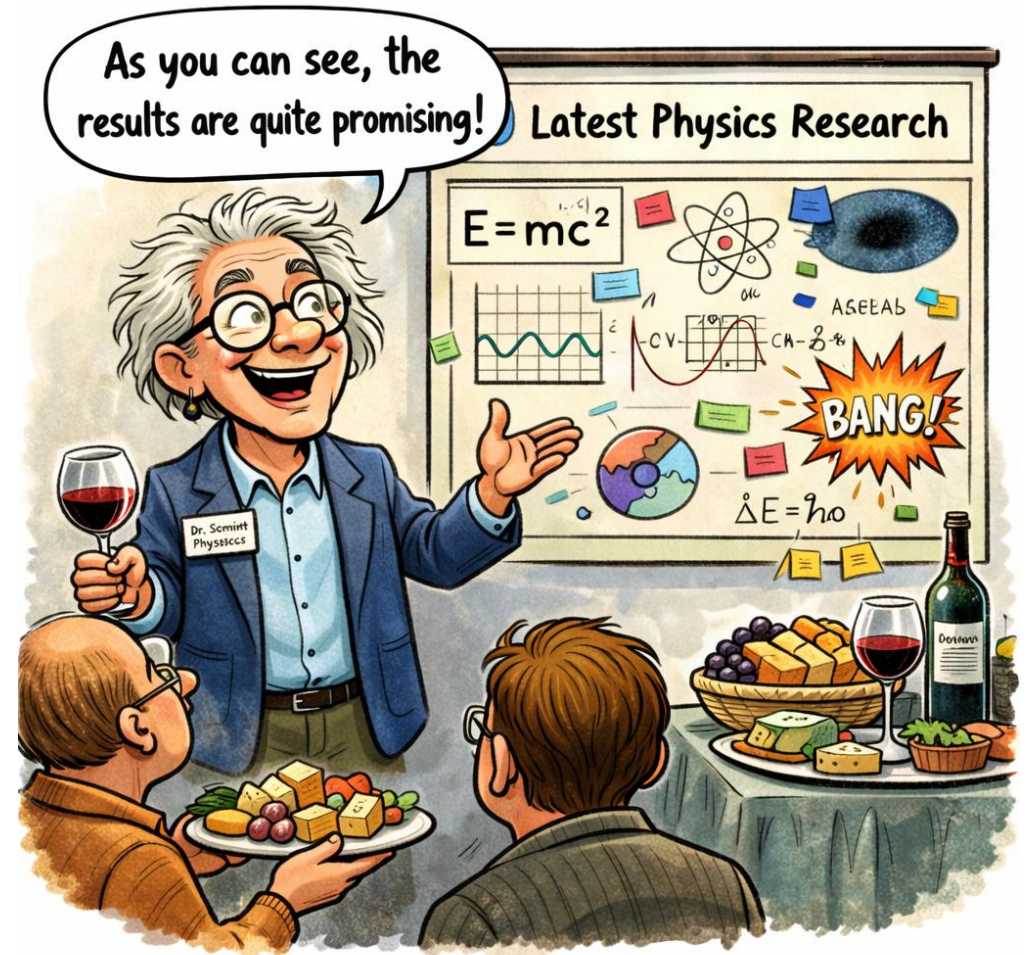
- 15 min talk + 5 min Q/A
- Topics arranged from facilities over experiments and test beam analysis to sensors
- Special session with BL4S teams
- Reminders:
  - Upload your material prior to the talk
  - In case of confidential content, get in touch with us
  - A laser pointer is at your disposal
  - Please stick to the timing !



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# THE POSTERS

- Poster session on Tuesday evening
- Accompanied with wine & snacks
- Reminders:
  - Please give your printed posters to the LOC team today
  - Be there next to your poster during the session
  - Others please enjoy the poster presentations

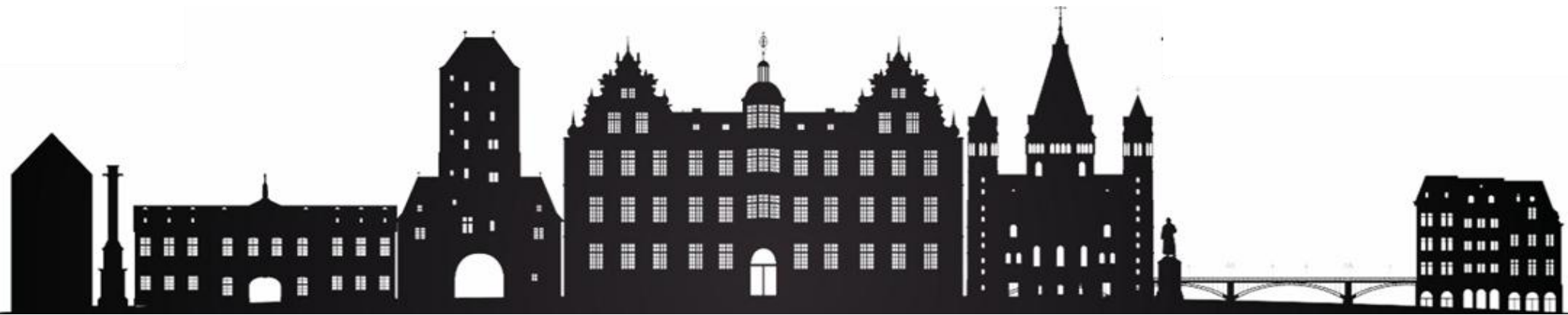


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# THE TUTORIALS

- Hands-on tutorials on
  - Corryvreckan
  - AllpixSquared
  - Constellation
  - KiCad
- More information come later





# ENJOY THE WORKSHOP!