

# Session Program

13-17 Apr 2026

**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)**

- Johannes Berger
- Achim Dengel
- Martina Kitzel
- Theodoros Manousos
- Lucia Massari
- Janina Peterken

**International Organizers**

- Jarmila St. Aring (DESY)
- Frank Ong (DESY)
- Federico Oliveri (J. Estabrook)
- Youngjoon Oeun (DESY)
- Peter Sulzer (FZJ, FNSP)
- Anastasia Velkou (DESY)
- Gianpiero Vigliola (DESY)
- Fabian Zakerwischke (DESY, UN-CMBC)

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Logos: PRIMA, HIM, UN-CMBC, DESY, FZJ, FNSP, UN-CMBC, DCU

## 14th Beam Telescopes and Test Beams Workshop

*Poster session*

# Tuesday 14 April

18:00

## Poster session

**Session** | **Location:** Erbacher Hof Grebenstraße 24-26, 55116 Mainz, Germany

18:00–18:20

### The Beam-monitor with Extreme Range (BeER) detector: an innovative detector for the characterization of different particle beams

**Speaker**

Elena Gensini

18:20–18:40

### Performance studies of multiple prototypes of the Surrounding Background Tagger of the SHiP experiment

**Speaker**

Ida Maria Wostheinrich

18:40–19:00

### Test Beam Studies of ITk strip modules

**Speaker**

Thomas Schioler

18:40–19:00

### Development of an Online Vertex Reconstruction Algorithm for the MUonE Experiment

**Speaker**

Benjamin Lawrence-Sanderson

19:00–19:20

### Characterisation of Monolithic CMOS sensor for X-ray Imaging in space and medical applications

**Speaker**

Sami Ullah Khan

19:00–19:20

### SPS test-beam infrastructure extension for low temperature, fast triggering applications

**Speaker**

Alexandre Hennessy

19:20–19:40

### A low-latency asynchronous trigger board

**Speakers**

Emanuele Romano, Roberto Ferrari

19:20–19:40

### A Compact BabyMOSS Cosmics Telescope

**Speaker**

Julija Zaksaitė

19:40–20:00

### Noise Analysis in the MuPix11 sensor for the Mu3e Experiment

**Speaker**

Antonios Kontopoulos

19:40–20:00

**Beam Tests of an LDMX Trigger Scintillator Prototype in the Linac to End Station A (LESA) Beamline at SLAC**

**Speaker**

Elizabeth Berzin

20:00