

Session Program

13-17 Apr 2026



14th 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
- Janik Peterken

International Organizers

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

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Logos: PRIMA, HIM, UN-CSC, DESY, FZJ, FNSP, UN-CSC, JGU

14th Beam Telescopes and Test Beams Workshop

Test Beam Analysis

Tuesday 14 April

10:30

Test Beam Analysis

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

10:30–10:50

Development and integration of a MAPS-based tracking telescope for the ALICE 3-TOF and ePIC-dRICH beam tests

Speaker

Mr Riccardo Ricci

10:50–11:10

Scaling up test-beam measurements of detector material via multiple scattering with the MONSTAR telescope

Speaker

Simon Florian Koch

11:10–11:30

Time over Threshold Measurements with babyMOSS Beam Telescope

Speaker

Macaila Schafer

11:30–11:50

Sensor modules for the CMS Barrel Timing Layer: new test beam performance results

Speaker

Claudio Quaranta

11:50–12:10

Test beam experiences with Phase 2 CMS BRIL and Inner Tracker: detectors, front-end, back-end, and infrastructure

Speaker

Michelangelo Pari

12:10–12:30

Characterization of an Enhanced Lateral Drift (ELAD) Sensor Prototype

Speaker

Judith Schlaadt

12:30

Thursday 16 April

10:30

Test Beam Analysis

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

10:30-10:50

Particle Identification based on the Time-over-Threshold with MuPix11 Sensors

Speaker

Effrosyni Zachou

10:50-11:10

Test beam Results of the ALICE ITS3 Analogue Pixel Testing Structure measured at ELSA

Speaker

Maximilian Thomas Spors

11:10-11:30

Grazing Angle Test Beam Studies of the Hybrid-to-Monolithic MAPS Prototype

Speaker

Ono Feyens

11:30-11:50

Design and Beam Test Results of the crystal Zero Degree Detector for BESIII

Speaker

Mr Frederic Stieler

11:50-12:10

Characterization of Muon Response of the ATLAS Tile Calorimeter Test Beam

Speaker

Miranda Michelle Williams

12:10-12:30

Sieve optimization for calibration of the MAGIX spectrometers

Speaker

Mr Alen Gajer

12:30