

# 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**

- Jarmenacki St. Aring (DESY)
- Frank Ong (DESY)
- Federico Oliveri (J. Estabrook)
- Youngjoon Oeun (DESY)
- Peter Sulten (FZJ, FNSP)
- Anthonia Nwagwu (DESY)
- Gianpiero Vigliola (DESY)
- Fabian Zakerwischke (HIM, UN-CSIC)

<https://travis.com/2026/04/14> | [tblt14.be@travis.uni-mainz.de](mailto:tblt14.be@travis.uni-mainz.de) | [tblt-mainz@travis.uni-mainz.de](mailto:tblt-mainz@travis.uni-mainz.de)

Logos: DESY, HIM, UN-CSIC, FZJ, FNSP, ANTONIA NWAGWU, GIANPIERO VIGLIOLA, FABIAN ZAKERWISCHKE, TRAVIS

# 14th Beam Telescopes and Test Beams Workshop

**BL4S**

# Thursday 16 April

14:00

## BL4S

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

14:00-14:15 **Introduction to the BL4S Competition**

**Speakers**

Dr Jorge Andres Villa Velez, Seyma Esen

14:15-14:30 **Secondary particle effects on neutron yield in spallation target**

**Speakers**

Cyril Bernard, Maxime Delsemme, Noah Sonck

14:30-14:45 **Nuclear Spallation Efficiency: Target Material Optimisation**

**Speakers**

Ela Nur Kirdemir, Emir Özaktaş, Mert Musluoğlu

14:45-15:00

**Calibration of a Three-dimensional Muon Detector Based on Scintillator Binary Optical Encoding at DESY**

**Speaker**

Aljoscha Ziegler

15:00-15:15

**Transition Radiation in Multi-Layered Dielectric-Metallic Targets for Soft X-Ray Generation and Beam Diagnostics**

**Speaker**

Snajana Rajaram

15:15-15:30

**Eysenhardtia polystachya (Kidneywood): Pigment and Fluorite Used as Scintillator Media.**

**Speaker**

Haziel Barcenás Flores

15:30