

FATA 2025

FAst Timing Applications for Nuclear Physics and Medical Imaging
Catania - Italy, 8th - 10th October 2025

The second edition of FATA will be held in memory of Angelo Pagano, chair of the previous editions

The Conference is organized by the Istituto Nazionale di Fisica Nucleare (INFN) Sezione di Catania and Laboratori Nazionali del Sud (LNS), the Dipartimento di Fisica e Astronomia "Ettore Majorana" and the Centro Siciliano di Fisica Nucleare e Struttura della Materia (CSFNSM) in Catania.

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Topics:

- Scintillators and photodetectors for fast timing readout electronics for ultrafast detectors;
- Solid-state detector technology for fast timing processing of time-stamped data;
- Precise event-time tagging in high luminosity accelerators towards picoseconds;
- Time-of-flight (TOF) resolution;
- Time-of-flight positron-emission tomography (TOF-PET) for medical imaging and monitoring of hadron therapy;
- Fluorescence microscopy techniques in including time-resolved imaging.

Conference website: <https://agenda.infn.it/e/FATA2025> - Email: fata2025@ct.infn.it



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