

# WP15

## Upgrade of beam and irradiation test infrastructure

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# WP 15 Structure

- **Task 15.1:** Scientific coordination (CERN, DESY)
- **Task 15.2:** Improvements of test beam infrastructure for high precision tracking (CERN, DESY)
- **Task 15.3:** Improvements of the DESY test beam infrastructure (DESY)
- **Task 15.4:** Improvements of the test beam infrastructure at LNF (INFN)
- **Task 15.5:** Improvements of the infrastructure for irradiation tests (CERN, INFN, VU, INRNE, JSI, USFD\*)

\*associated partner linked to CERN



WP15.4 Improvements of the test beam infrastructure at INFN-LNF  
Seminar room 1 (Bldg.01), DESY

WP15.5 - Multi-crystalline Si for large fluence irradiation monitoring  
Seminar room 1 (Bldg.01), DESY

WP15.5 - Transport system for large objects at Ljubljana JSI TRIGA reactor  
Marko Mikuz et al.

WP15.5 - Cosmic-rays tracker improvements & augmented reality event-display for GIF++ Facility

WP15.5 - Instantaneous dose-rate monitor for GIF++ Facility  
Seminar room 1 (Bldg.01), DESY

- Not yet !

- **Simply enjoy the meeting**

- Current (M12)
  - Milestone Reports Delivered
    - ❑ **MS16**: Specifications for sample & user management system and online database fixed (WP15.5)
    - ❑ **MS17**: Design of a transport system for neutron irradiation of large samples (WP15.5)
  - No Deliverables due

- Upcoming, next 6 months (M18)
  - Milestones
    - ❑ **MS32**: Pixel telescope hardware assembled (WP15.2)
    - ❑ **MS33**: Environmental control system hardware installed (WP15.3)
    - ❑ **MS34**: New Frascati beam line components installed (WP15.4)
    - ❑ **MS35**: Test of various low cost silicon materials for fluence monitor concluded (WP15.5)
    - ❑ **MS36**: Concept of cold box evaluated and design fixed (WP15.5)
    - ❑ **MS37**: Design of the additional cosmic trackers on the other side of the source and on the side walls (WP15.5)
  - Deliverables
    - ❑ **D15.9**: JSI TRIGA Reactor Transport system (WP15.5)