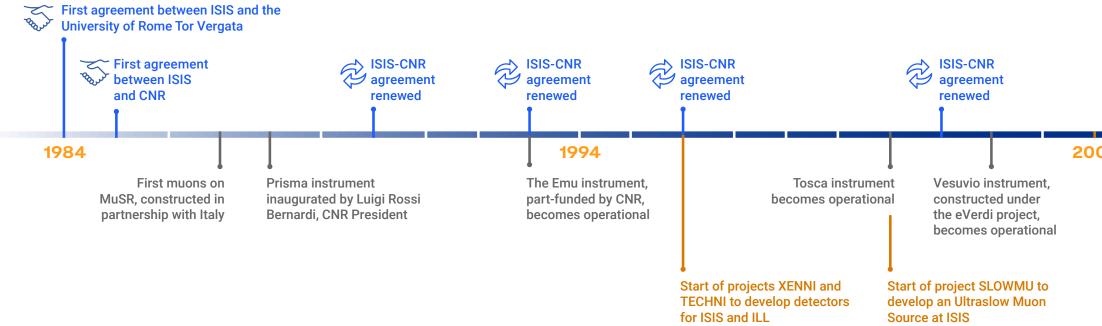
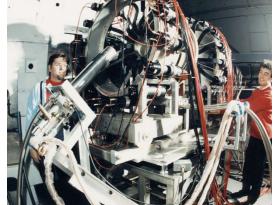
ISIS Neutron and Muon Source and Italy 40 YEARS OF PARTNERSHIP

ISIS and Italy have collaborated extensively across diverse scientific domains, including biomaterials, energy materials and cultural heritage. The partnership has also led to the development of key neutron and muon instrumentation and techniques, benefitting the wider user community.



Cover image: A Japanese sword guard (tsuba) studied on the INES beamline.









Celebration of 40

years of ISIS-Italy partnership

2024



NIMROD instrument inaugurated by Luciano Maiani, CNR President

Project PANAREA starts contributions to TS2 instruments

Start of Ancient Charm project to develop neutron instrumentation for cultural heritage

INES instrument

becomes operational

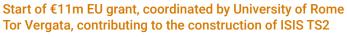
Tor Vergata, contributing to the construction of ISIS TS2



Quantum effects on heavy water melting measured on Vesuvio

ChipIr instrument becomes operational

Neutron irradiation tests of flash memories used in the space environment on ChipIr and Vesuvio











Since our partnership's inception in 1984, we have shared a common commitment to promoting academic excellence, scientific advancement, the growth of neutron and muon techniques, and the development of early-career researchers.







Over 2000 proposals submitted by Italian scientists



6000 beam days awarded to Italian scientists



4000 Italian users of the ISIS facility



12 new ISIS instruments created



900 publications with ISIS and Italian co-authors





