



MEET
MONITORING EARTH'S
EVOLUTION AND TECTONICS

NEW MONITORING TECHNOLOGIES FOR NEAR FAULT OBSERVATORIES (NFO)

Irpinia Summer School

22-28 June 2025
Grottaminarda | Napoli - Italy

A school to learn and practice the potential of optical fiber monitoring, real time full-GNSS, installation of multiple node-arrays, and up to date seismological analyses, with a special focus on Irpina faults system.

PROGRAMME

June 22

Arrival at the headquarters. Afternoon: Welcome and introduction of the school
Lectures on "The use of Optical Fiber in seismology"

June 23

Practical use of Optical Fiber in the field: Fiber installation, Data acquisition and Data analysis

June 24

Morning: Lectures on "Seismic nodes for dense arrays in Seismology"
Afternoon: Node installation in the field, Data acquisition, and Data Analyses

June 25

Morning: Lectures on "Real Time GNSS"
Afternoon: GNSS acquisition in the field, real-time GNSS Data analysis

June 26

Transfer to Naples. Visit to the NFO observatory

June 27

(Location: University Federico II - Naples. Lectures on "Low magnitude Seismic Source studies.
Simulation of a complete analytical report

June 28 morning

Conclusions and greetings



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