

# NEW MONITORING TECHNOLOGIES FOR NEAR FAULT OBSERVATORIES (NFO)

Irpinia Summer School

22-28 June 2025  
Grottaminarda | Napoli - Italy



**MEET**  
MONITORING EARTH'S  
EVOLUTION AND TECTONICS



**INGV**



UNIVERSITÀ DEGLI STUDI DI NAPOLI  
**FEDERICO II**



UNIVERSITÀ  
DEGLI STUDI DI BARI  
**ALDO MORO**



The National Institute of Geophysics and Volcanology (INGV) jointly with the Department of Physics of the University of Napoli Federico II (DSCG-UNINA), the Department of Earth and Geoenvironmental Science of the University of Bari (UNIBA) and University of Milano Bicocca (UNIMIB), organises the summer school on "New monitoring technologies for Near Fault Observatories (NFO)".



## PURPOSE

The School aims to provide practical and theoretical training on new technologies to monitor small scale fault systems. The focus is on the Irpinia "Near Fault Observatory" (NFO), implemented a long time ago in the region that experienced one of the largest earthquakes in the Mediterranean and now one of the best monitored areas of Italy. Participants will have the opportunity to learn and practice the potential of optical fiber monitoring, real time full-GNSS, installation of multiple nodal-arrays, and work on up to date seismological analyses.

## PROGRAMME

The School is organised in 7 days of activities, starting on Sunday 22<sup>nd</sup> June 2025 at 2:00 pm and closing on Saturday 28<sup>th</sup> June at 2:00pm. Data will be processed after open field recorded sessions. Theoretical lessons will introduce the scientific daily activity.

## VENUE

**Grottaminarda (AV) and Napoli - Italy**

Participants will be welcomed in Grottaminarda on Sunday 22 and taken to the School in: Grottaminarda University Campus - Frank Zappa Park - Via Francesco Flammia, 36 - Grottaminarda (AV)

Last two days the school will be held at:

University of Naples "Federico II" - Department of Physics - Via Cintia, 21 - Napoli NA

## ATTENDANCE

The school is open to Ph.D. students, postdoctoral scientists and early career researchers. Participation is limited to a maximum of 30 students. In the event of a greater number of applications, participants will be selected on the basis of their CVs and motivation letter. Selected students are expected to attend the school equipped with their own laptops and proper equipment for field activities.

## APPLICATION PROCEDURE

Fill the Application Form at this link <https://forms.gle/FDH5SgNG5AbvR1wS9> with your personal data, CV and motivation letter.

## FEES

The school will cover all the costs for accommodation, food and travel during the school. The only costs borne by participants are travel expenses to reach the city closest to the course venue (Napoli, Benevento, Ariano Irpino-AV).

## KEY DATES AND DEADLINES

The School will start at 2:00pm on Sunday 22<sup>nd</sup> and will finish Saturday 28<sup>th</sup> June at 2:00pm.

**Application deadline:** The deadline for the submission is March 31, 2025.

**Admission to the school:** The acceptance of the application will be communicated by April 14, 2025.

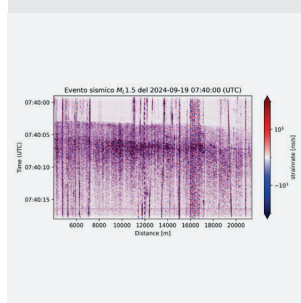
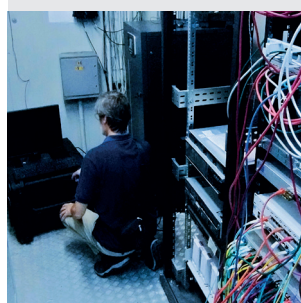
## LECTURERS

Gilberto Saccorotti (INGV), Gaetano Festa (UNINA), Giovanna Cultrera (INGV), Antonio Avallone (INGV), Gianpaolo Cecere (INGV), Nicola Piana Agostinetti (UNIMIB), Antonio Caracausi (INGV), Agata Siniscalchi (UNIBA).

## FOR FURTHER INFORMATION PLEASE CONTACT

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and visit: <https://meet.ingv.it/bandi/scuole>



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