

**THERADE**

International Center for  
Advanced Studies and Research  
for

“innovative TecHnologiEs for  
RADiations, applied to  
Environmental monitoring,  
cultural heritage and health risks

### Partner Academic Institutions:

- University of Salerno (UNISA), Italy
- Aristotle University of Thessaloniki (AUTH), Greece
- Riga Technical University (RTU), Latvia
- University of Novi Sad (UNS), Serbia
- University of Kragujevac (UKG), Serbia
- University of Kirklareli (KLU), Turkey

### Goals

The primary objective of this Blended Intensive Programme (BIP) is to provide an interdisciplinary platform for students and junior scientists to explore innovative physical technologies used in the conservation and preservation of cultural heritage. The course aims to enhance knowledge in the application of advanced scientific techniques, including sensor monitoring, nuclear and non-nuclear methods, and innovative materials, to safeguard cultural heritage sites and artefacts.

# Innovative Physical Technologies for Cultural Heritage Conservation & Preservation

ERASMUS PLUS Key Action 1  
- Blended Intensive  
Programme (BIP)



UNIVERSITÀ DEGLI STUDI  
DI SALERNO

### Online workshops:



23 May – 6 June 2025

### Physical mobility week:



16 – 20 June 2025



UNISA Campus, Fisciano,  
SA, Italy

# Agenda Virtual session



## Dates

- 23 May 2025
- 29-30 May 2025
- 5-6 June 2025

Total duration: 20 hours



## Format

- Online lectures and seminars
- Pre-recorded videos, interactive content, and discussions
- Virtual tours of relevant cultural heritage sites
- Project assignments and individual/group work

# Agenda In-person session

## 16 June (Monday)

- Opening Workshop (1 hour)
- Course Introduction and Networking (2 hours)
- Cultural Context (1 hour)
- Dinner

## 17 June (Tuesday)

- 3 Lectures (6 hours total)
  - o Cultural Heritage Conservation Techniques
  - o Sensor Monitoring and Advanced Materials
  - o The Impact of Radon in Conservation
- Networking Lunch (2 hours)

## 18 June (Wednesday)

- Lecture (2 hours): The Role of Nuclear Techniques in Conservation
- On-Site Activities at Paestum-Velia Archaeological Park (11 am – 5 pm)

## 19 June (Thursday)

- Project work (9 am – 5 pm)

## 20 June (Friday)

- THERADE Workshop and Final Presentations (9 am – 5 pm)

# More info

## Contact

Michele Guida, UNISA, Italy  
[miguida@unisa.it](mailto:miguida@unisa.it)

Simona Mancini, UNISA, Italy  
[smancini@unisa.it](mailto:smancini@unisa.it)

Lena Tica, UNIKG, Serbia  
[lena.tica@ftn.kg.ac.rs](mailto:lena.tica@ftn.kg.ac.rs)



## Certification & ECTS Credits

Erasmus+ certificate of participation and 3 ECTS credits

## Cultural Events and Networking

Cultural Visit to Salerno  
Social Networking Evening  
Cultural Performance