



T H E R A D E

PRESENTATION OF
**THE INTERNATIONAL CENTER FOR ADVANCED STUDIES AND
RESEARCH FOR “INNOVATIVE TECHNOLOGIES FOR RADIATIONS,
APPLIED TO ENVIRONMENTAL MONITORING, CULTURAL HERITAGE
AND HEALTH RISKS”**

30th September 2024 - Cilento Lecture Hall, Fisciano Campus,
University of Salerno (Italy)

9:30 – 10:00 WELCOME GREETINGS

Prof. Dr. Vincenzo Loia- Rector of the University of Salerno (Italy)

and in alphabetic order, according to the nationality, the other Rectors of Universities founders:

Prof. Dr. Dimitrios S. Koreos- Rector of the Aristotle University of Thessaloniki (Greece)

Eriks Badamšins- International Relations Specialist **on behalf of Prof. Dr. Tālis Juhna** - Rector of the Riga Technical University (Latvia)

Prof. Dr. Vladimir Rankovic - Acting Rector of the University of Kragujevac (Serbia)

Prof. Dr. Dejan Madić - Rector of the University of Novi Sad (Serbia)

Prof. Dr. Bülent Şengörür- Rector of the University of Kırklareli (Türkiye)

Dott. Geol. Michele Palmieri, Eng. Dr. Maria Rosaria Della Rocca - Department of the Soil Defense and Ecosystems of the Regional Government of Campania (Italy)

10:00 - 10:20 Opening Remarks

Prof. Dr. Francesco Tortorella, Head of the Department-DIEM, University of Salerno (Italy)

Prof. Dr. Michele Guida, University of Salerno (Italy), Director of THERADE

10:20 - 10:40 The School of Physics of AUTH **Prof. Dr. Alexandra Ioannidou**, Aristotle University of Thessaloniki (Greece), Member of the Executive Board of THERADE

10:40 - 11:00 Development of advanced small modular nuclear reactors- **Prof. Dr. Martinš Vilnitis**, Riga Technical University (Latvia), Deputy director of THERADE

11:00 - 11:20 Nuclear analytical techniques in radioecology- **Prof. Dr. Nataša Todorovic**, University of Novi Sad (Serbia), Deputy director of THERADE

11:20 - 11:40 Mobile radiometric laboratory for radiation analysis of environmental samples- An IoT Application in Healthcare: Innovations in Radiation Monitoring and Management

Prof. Dr. Jelena Purenovic, and **Prof. Dr. Danijela Milosevic**, University of Kragujevac (Serbia,) Member of the Executive Board of THERADE

11:40 - 12:00 Studies carried out in the central research laboratory of Kırklareli University and environmental radioactivity measurements- **Prof. Dr. Serpil Aközcan Pelivanouglu**, University of Kırklareli (Türkiye), Member of the Executive Board of THERADE



12:20 Closing Remarks

Prof. Dr. Michele Guida, *University of Salerno (Italy), Director of THERADE*

Contact Information

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Venue Information

Aula Cilento

University of Salerno, Campus of Fisciano

Via Giovanni Paolo II 132, 84084 Fisciano, Salerno, Italy

For participation in remote mode please open, with ANY browser, the following URL:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_OTlxZjZlMTEtOTVjNS00ZmYxLTkyYzEtMWYzOWQ3NDgzYzU1%40thread.v2/0?context=%7b%22Tid%22%3a%22c30767db-3dda-4dd4-8a4d-097d22cb99d3%22%2c%22Oid%22%3a%22f9a35601-7f47-4d27-a41b-c2e36d1b34da%22%7d



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About THERADE

The International Center for Advanced Studies and Research in “innovative TecHnologiEs for RADiations, applied to Environmental monitoring, cultural heritage and health risks”, THERADE, has been established with the University of Salerno Rector’s Decrees (26.02.2024 Rep. n. 494/2024 and 08.04.2024 Rep. N. 931), between the Founding Institutions:

University of Salerno, Italy,
Aristotle University of Thessaloniki, Greece,
Riga Technical University, Latvia,
University of Novi Sad, Serbia,
University of Kragujevac, Serbia,
University of Kirklareli, Turkiye.

The administrative seat of the Center THERADE is at the University of Salerno.

The Center has the Mission of pursuing Sustainability and Innovation in all its activities and the following objectives:

- The research activities in the field of the innovative technologies for radiations, applied to environmental monitoring, cultural heritage and health risks, related to exposure, by means of the interdisciplinary and transdisciplinary contribution of applied physics, civil, information technologies engineering, earth and environmental sciences, life and health sciences.
- The promotion of applicative multidisciplinary approaches by means of case-studies, field work, laboratory activities, the design and implementation of innovative technologies.
- The design of sustainable advanced educational programs to fill the gap in innovation technologies for a sustainable environment and well-being, and the gender gap, in particular in developing and emerging countries.

