



Università
degli Studi
della Campania
Luigi Vanvitelli

Dipartimento di Matematica e Fisica

Since the discovery of the nucleus, in 1911 by Ernest Rutherford, nuclear physics ideas, methods and equipment have significantly affected a wide spectrum of applied research topics. The researchers of the Campania University "Luigi Vanvitelli" have made outstanding contributions in several fields such as nuclear astrophysics, environmental and cultural heritage and, more recently, cancer treatment. This would not have been possible without the hard work of Antonio D'Onofrio. This workshop aims to celebrate his retirement and retrace his scientific career, bringing together scientists active in the field of applied nuclear physics.

WORKSHOP

Nuclear physics in applied research

GIOVEDÌ 25 GENNAIO

- Ore 14:45 – Introduction to workshop: L. Gialanella
- Ore 15:00 – Considerations on the scientific impact of the national nuclear waste repository: A. Bracco
- Ore 15:30 – Nuclear Physics and applications. The societal impact: N. Alamanos
- Ore 16:00 – Environmental assessments and decommissioning – A. Esposito e S. Alfieri
- Ore 16:30 – Coffee break
- Ore 17:00 – Applications to Nuclear Astrophysics: A. Formicola e G. Imbriani
- Ore 17:30 – Isotopic research at CIRCE: F. Marzaioli
- Ore 18:00 – Exciting nuclei: hidden symmetries, stellar archeology, climate change and other paraphernalia: G. De Angelis
- Ore 18:30 – Nuclear applications in environmental and heritage science at ATOMKI, Debrecen, Hungary: A. Angyal and M. Molnar
- Ore 20:00 – Social dinner

Location:

Centro Residenziale Studi della Scuola Nazionale dell'Amministrazione di Caserta, Corso Trieste 2 (di fronte alla reggia)

<https://maps.app.goo.gl/Mfejfn7VVe6arsNG7>

VENERDÌ 26 GENNAIO

- Ore 9:30 – Saluti del Rettore: G.F. Nicoletti
- Ore 9:45 – La professione del Fisico e lauree abilitanti
(Physicists and professional qualification): A. D'Onofrio
- Ore 10:30 – Coffee break
- Ore 11:00 – Tavola rotonda
- Ore 12:00 – Visita ai laboratori

prenotazione/reservation



<https://forms.office.com/e/B5NvyzkzTJ>



"DIPARTIMENTO DI MATEMATICA E FISICA"
viale Lincoln, 5
81100 CASERTA
tel. +39 0823 274111
fax +39 0823 274714

www.matfis.unicampania.it
www.unicampania.it
dip.matematicaefisica@unicampania.it
dip.matematicaefisica@pec.unicampania.it



"TANDEM laboratory - CIRCE"

Centre for
Isotopic
Research on the
Cultural and
Environmental heritage