



IWM-EC 2024

International Workshop on Multi-facets of Equation of State and Clustering

FIRST CIRCULAR

We are pleased to announce that the *International Workshop on Multi-facets of Equation of State and Clustering* IWM-EC 2024 will be held in in Catania, Italy, from May 21st to 24th, 2024.

The workshop is supported by the CHIMERA and INDRA-FAZIA collaborations.

SCIENTIFIC PROGRAM AND FORMAT

IWM-EC 2024 will address open questions in the domain of nuclear dynamics and thermodynamics with a special emphasis on the nuclear Equation of State in connection with Astrophysics and clustering phenomena, with implications on nuclear dynamics and structure. The scientific program will have dedicated sessions to outline recent progress on both experimental and theoretical aspects of the following topics:

- Nuclear dynamics from fission to multifragmentation
- Isospin effects and Symmetry energy in nuclear reactions
- Clustering phenomena and multi-particle decay
- Nuclear Equation of State and multi-messenger astronomy
- New Developments in detection techniques and facilities

The format of the workshop includes invited overview talks, oral presentations and posters. PhD students and post-docs are strongly encouraged to participate.

GENERAL INFORMATION

IWM-EC2024 will take place at the Department of Physic and Astronomy “Ettore Majorana” and INFN-Sezione di Catania, and at INFN-Laboratori Nazionali del Sud. The workshop will last four days, beginning in the morning of Tuesday, May 21st, and ending on Friday noon, May 24th. The local organization of the workshop is supported by INFN and University of Catania.

CALL FOR CONTRIBUTIONS AND REGISTRATION

Participants wishing to present a contribution may submit an abstract directly on the website. Oral and poster presentations will be selected by the Scientific Committee among the submitted abstracts. All contributions, including posters, will be published in the workshop proceedings.

The deadline for abstract submission is December 1st, 2023

The registration fee is 250 €, including coffee breaks, lunches, social dinner, and a copy of the workshop proceedings. There will be no fee for undergraduate and PhD students. Anyone wishing to attend the workshop is invited to register on the conference website as soon as registration starts. Information about accommodation will also be available on the website in due time. All these information will be announced in the second circular.

Scientific Committee

Jose Benlliure, University Santiago de Compostela, Spain
Eric Bonnet, SUBATECH, Nantes, France
Alberto Camaiani, University of Firenze and INFN - Sezione di Firenze, Italy
Zbigniew Chajecki, Western Michigan University, USA
Gargi Chaudhuri, VECC, India
Beatriz Fernandez Dominguez, University Santiago de Compostela, Spain
Elena Geraci, University of Catania and INFN - Sezione di Catania, Italy
Sunji Kim, Institute for Basic Science, Republic of Korea
Emanuele V. Pagano, INFN - LNS, Catania, Italy
Sara Pirrone, INFN- Sezione di Catania, Italy

Local Organizing Committee

Gaetano Agnello, INFN-LNS Catania
Micaela Colombo, INFN-Sezione di Catania
Brunilde Gnoffo, University of Catania
Nancy Martorana, INFN-Sezione di Catania
Giuseppe Politi, University of Catania and INFN-Sezione di Catania
Fabio Risitano, University of Messina and INFN-Sezione di Catania
Paolo Russotto, INFN-LNS Catania
Ivan Sabister, INFN-Sezione di Catania
Gianluca Santagati, INFN-Sezione di Catania
Cristina Zagami, University of Catania and INFN-LNS Catania

E-mail: iwm-ec2024@ct.infn.it
Website: <https://agenda.infn.it/e/iwm-ec2024>

Contact person: Sara Pirrone sara.pirrone@ct.infn.it