



IWM-EC 2024

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

SECOND 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 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.

Moreover, a Round Table on the "Future Radioactive Ions Beams Facilities: challenges and opportunities" is planned; the round table will focus on the status and the opportunities of the main new or improved facilities of interest for our community (GSI-MSU-LNL-LNS).

INVITED SPEAKERS

Kyle Brown , Michigan State University, USA
Stefano Burrello , INFN-Laboratori Nazionali del Sud, Italy
Dan Cozma , IFIN-HH, Romania
Enrico De Filippo , INFN-Sezione di Catania, Italy
Diego Gruyer , LPC Caen, France
Seung-Woo Hong , Institute for Basic Science, Republic of Korea
Andrea Jedele , GSI, Germany
Arnaud Le Fevre , GSI , Germany
Yvonne Leifel , GSI, Germany
Christelle Schmitt , IPHC Strasbourg , France
Zhigang Xiao , Tsinghua University, Beijing , China
Juzo Zenihiro , Kyoto University, Japan

ROUND TABLE

Moderator: Giuseppe Verde, INFN-Sezione di Catania, Italy
Kyle Brown, Michigan State University, USA
Tommaso Marchi, INFN- LNL, Italy
Chiara Nociforo, GSI, Germany
Paolo Russotto, INFN – LNS, Italy

GENERAL INFORMATION

IWM-EC2024 will take place at the Department of Physics 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 and is sponsored by Società Italiana di Fisica.

SCIENTIFIC CONTRIBUTIONS

Oral and poster presentations are selected by the Scientific Committee, among the submitted abstracts. A dedicated session will be devoted to poster presentations, and thereafter posters will remain on display throughout the entire duration of the workshop. All contributions, including posters, will be published in the workshop proceedings.

REGISTRATION

Anyone wishing to attend the workshop is invited to register before May 6th2024 on the conference website. The workshop registration fee will be 250€, including coffee breaks, lunches, social dinner, and a copy of the workshop proceedings. The fee will be paid on site. There will be no fee for undergraduate and PhD students. For more information visit the website or write to iwm-ec2024@ct.infn.it

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

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