



**7th International Conference on Collective Motion in Nuclei
under Extreme Conditions**

<https://agenda.infn.it/event/21964/>

First Circular

The 7th International Conference on Collective Motion in Nuclei under Extreme Conditions (COMEX7) will be held in Catania, Italy at the Dipartimento di Fisica e Astronomia "Ettore Majorana" of Catania University, from June 11, 2023 (Sunday) to June 16, 2023 (Friday).

The conference is hosted by the Istituto Nazionale di Fisica Nucleare, Sezione di Catania e Sezione di Milano in collaboration with the Università degli Studi di Milano and the Dipartimento di Fisica e Astronomia "Ettore Majorana" of Catania University.

The COMEX conferences are a continuation of the long series of topical conferences on giant resonances started in 1979. The new name was adopted in 2003 when it was clear that more excitation modes could be investigated with the advent of facilities producing nuclei far from the stability line. The first COMEX conference was held in Paris (France) in 2003 and thereafter in Sankt Goar (Germany) in 2006, in Michigan (US) in 2009, in Kanazawa (Japan) in 2012, in Krakow (Poland) in 2012 and in Cape Town (South Africa) in 2018. The 7th edition of the COMEX conference (COMEX7) was supposed to be held in 2020 but had to be postponed due to the Covid-19 pandemic.

The focus of COMEX7 will be similar to previous editions and the following topics will be of main interest:

- Giant resonances in cold and hot nuclei,
- Collective and new excitation modes in nuclei,
- Spin and isospin modes,
- Clustering and pairing effects in excitations,
- Studies of the decay of highly excited states,
- Collective excitations and the nuclear equation of state,
- Applications in astrophysics,
- Novel instrumentation and methods.

The meeting will consist of invited-speakers talks together with oral and poster presentations selected from the submitted abstracts.

REGISTRATION The deadline for early registration is on 30th April 2023 and the registration will close on 30th May 2023.

ABSTRACT The abstract submission will be open from 10th December 2022. The deadline will be on 19th February 2023 and the authors will be notified by 26th March 2023, about the acceptance of their abstract as oral or poster presentation.

TRAVEL The Catania's international airport has many direct connections with several European destinations. It is served by many major and low cost companies. International destinations can be reached also via the Rome and Milan hubs. More details are given on the conference webpage.

CONFERENCE VENUE AND HOW TO REACH IT

The conference will be held at the "Aula Magna" of the Physics and Astronomy Department "Ettore Majorana" of Catania University, which is located inside the campus of the "Cittadella Universitaria". It can be easily reached by public transportation from downtown Catania.

There are two possible options:

- 1) take the BRT1 bus in downtown Catania and get off at the Cittadella Ovest stop. You can find the route ("percorso") and the timetable ("orario") of BRT1 at this [link](#). This is the recommend option.
- 2) take the Metro at corso Sicilia (downtown) and get off at the stop "Milo", where a shuttle bus will take you to the "Cittadella Universitaria". Route map of the Metro at this [link](#). In alternative, you can walk to the closest BRT1 stop, also called "Milo", which is about 300m away (see map [here](#)).

Tickets for both BRT1 or Metro may be purchased at Newspaper or Tobacco kiosks. At the moment, the price of one ticket is 1 Euro and it lasts 90 minutes starting on validation time.

Once at the "Cittadella Ovest" bus stop, you can walk to the Physics and Astronomy Department following [these directions](#).

ACCOMMODATION Catania is a touristic city and using the online travel agencies you can find a wide offer of hotels. We recommend to choose an accommodation in downtown Catania (area via Etnea, villa Bellini, Piazza Stesicoro, Piazza del Duomo) that will allow to easily access the transport to reach the conference venue and where several restaurants will be available for dinner.

IMPORTANT DATES

Pre-Registration	10 th December	2022
Abstract Submission start	10 th December	2022
Deadline Abstract submission	19th February	2023
Notification presentation (oral or poster)	26th March	2023
Deadline Early Registration	30th April	2023
Deadline Registration	30 th May	2023

For more details please consult the conference webpage (<https://agenda.infn.it/event/21964/>). If you need further assistance do not hesitate to contact us at comex7@ct.infn.it.

Please, forward this announcement to those who might be interested in the conference.



Dipartimento di Fisica
"Aldo Pontremoli"

