



# Compound-Nuclear Reactions and Related Topics (CNR\*24)

8 – 12 July 2024, International Atomic Energy Agency, Vienna, Austria

Dear Colleagues,

This is the 2<sup>nd</sup> Circular of the 7th International Workshop on Compound-Nuclear Reactions and Related Topics that will be held from 8 to 12 July 2024 at the International Atomic Energy Agency, Vienna, Austria, with some additional information regarding the event and new deadlines.

## Announcement – 2nd Circular

### Keynote speakers

The scientific program will include keynote presentations addressing the status, challenges, and perspectives of the main topics of the workshop. A preliminary list of confirmed keynote speakers comprises:

<i>Brett Carlson (ITA)</i>	<i>Reaction Mechanisms for Incident Nucleons and Complex Particles</i>
<i>Jutta Escher (LLNL)</i>	<i>Surrogate Reaction Methods</i>
<i>Yoram Alhassid (Yale U)</i>	<i>Nuclear Level Density Theory</i>
<i>Sophie Péru (CEA Bruyères)</i>	<i>Photon Strength Function Theory</i>
<i>Sunniva Siem (Oslo U)</i>	<i>Nuclear Level Density and Strength Function Measurements</i>
<i>Dario Vretenar (Zagreb U)</i>	<i>Nuclear Fission Theory</i>
<i>Carl Brune (Ohio U)</i>	<i>R-matrix Theory and Measurements</i>
<i>Gregory Potel (LLNL)</i>	<i>The Optical Model</i>
<i>Maëlle Kerveno (IPHC)</i>	<i>Neutron Inelastic Scattering</i>
<i>Stéphane Goriely (ULB)</i>	<i>Nuclear Reactions for Astrophysics Applications</i>
<i>Helmut Leeb (TUW)</i>	<i>Nuclear Data Evaluation</i>
<i>Adriana Palffy-Buss (U Würzburg)</i>	<i>Intersection between Nuclear and Atomic Physics</i>

### Abstracts – deadline extended

Invited oral, oral and poster presentations will be selected from submitted abstracts.

Abstracts can be submitted online via the event website: <https://conferences.iaea.org/event/368>



The abstract should be in A4 page format, should extend to no more than one page (including figures and tables) and should not exceed 500 words. Authors will be notified of the acceptance of their proposed presentations by 30 April 2024.

**Deadline for submission: 31 March 2024** (extended from 29 February)

### Session in memory of Eric Bauge

A special session will be held in memory of our colleague Eric Bauge, who passed away suddenly on 13 May 2022. The session will highlight Eric Bauge's scientific achievements throughout his career at CEA-DAM, as well as his commitment to creating bridges of communication and exchange among the various neighbouring fields of nuclear physics such as nuclear structure, nuclear astrophysics, and nuclear data.

The session has been organised jointly with Sophie Péru from CEA-DAM, Bruyères. Its title is:

*Building bridges across nuclear physics and related topics*

#### Speakers include:

<i>Sophie Péru,</i>	<i>Introductory remarks</i>
<i>Stéphane Hilaire (CEA Bruyères)</i>	
<i>Mark Chadwick (LANL)</i>	<i>CIELO project: building bridges between nuclear data communities around the world</i>
<i>Jutta Escher (LLNL)</i>	<i>Nuclear reaction models and codes: building bridges between nuclear structure and nuclear reaction communities</i>
<i>Dimitri Rochman (PSI)</i>	<i>Building bridges between nuclear reactions and statistical methods</i>
<i>Marc Dupuis (CEA Bruyères)</i>	<i>Microscopic nuclear reaction models: building bridges between microscopic theory and nuclear data</i>
<i>Stéphane Goriely (ULB)</i>	<i>Nuclear astrophysics: interplay between nuclear structure, nuclear reactions, and nuclear astrophysics</i>
<i>Roberto Capote (IAEA)</i>	<i>Nuclear optical potentials: interplay between nuclear structure and nuclear reactions</i>
<i>Arjan Koning (IAEA)</i>	<i>The TALYS code</i>
<i>Toshihiko Kawano (LANL)</i>	<i>CEA-LANL efforts on nuclear reaction theories and their application to nuclear data</i>

### Proceedings

The workshop proceedings will be published online in EPJ Web of Conferences.

A peer-review system will be organised for all submitted articles (keynote invited, oral, and poster presentations) in line with the journal policies.

Deadlines for submission of articles, including number of pages, will be announced in due course.

Templates for preparing the manuscripts can be downloaded from the journal [webpage](#).



## Registration and participation – *deadline extended*

All persons wishing to participate in the event must be designated by an IAEA Member State or should be a member of an organization that has been invited to attend. The procedure for getting designated by an IAEA Member State is outlined below.

### **Registration through the InTouch+ platform:**

Access the InTouch+ platform (<https://intouchplus.iaea.org>):

Persons with an existing NUCLEUS account can [sign in here](#) with their username and password.

Persons without an existing NUCLEUS account can [register here](#).

Once signed in, prospective participants can use the InTouch+ platform to:

- Complete or update their personal details under ‘Complete’ and upload the relevant supporting documents; *(If institution is not listed contact [InTouchPlus.Contact-Point@iaea.org](mailto:InTouchPlus.Contact-Point@iaea.org))*
- Search for the relevant event (**EVT2303700**) under the ‘My Eligible Events’ tab; *(search Technical Meetings)*
- Select the Member State or invited organization they want to represent from the drop-down menu entitled ‘Designating authority’ (if an invited organization is not listed, please contact [Conference.Contact-Point@iaea.org](mailto:Conference.Contact-Point@iaea.org));
- If applicable, indicate whether a paper is being submitted and complete the relevant information;
- If applicable, indicate whether financial support is requested and complete the relevant information (this is not applicable to participants from invited organizations);
- Submit their application.

Once submitted through the InTouch+ platform, the application will be transmitted automatically to the required authority for approval. If approved, the application will then automatically be sent to the IAEA through the online platform.

For additional information on how to apply for an event, please refer to the [InTouch+ Help](#) page. Any other issues or queries related to InTouch+ can be sent to [InTouchPlus.Contact-Point@iaea.org](mailto:InTouchPlus.Contact-Point@iaea.org).

If it is not possible to submit the application through the InTouch+ platform, prospective participants are requested to contact the event organisers: Paraskevi (Vivian) Dimitriou, [P.Dimitriou@iaea.org](mailto:P.Dimitriou@iaea.org) or Kira Nathani, [K.Nathani@iaea.org](mailto:K.Nathani@iaea.org)

**Note:** To allow for seamless participation in the workshop, we have set the following deadline for registration. Those participants requiring Visa should also make sure they register well in advance.

**Deadline for registration: 31 March 2024** (extended from 29 February 2024)



## Expenditures and Grants

No registration fee is charged to participants.

Limited funds are available to help meet the cost of attendance of certain participants, and will be offered upon specific request, according to the IAEA regulations. Efforts will be made to support early career scientists and PhD students.

Requests for financial assistance should be indicated in the registration form or sent to Paraskevi (Vivian) Dimitriou: [P.Dimitriou@iaea.org](mailto:P.Dimitriou@iaea.org)

## Practical information

Participants must make their own travel and accommodation arrangements.

Information about the venue (Vienna International Centre), the city of Vienna, accommodation, travel and how to apply for a Visa is provided on the event website: <https://conferences.iaea.org/event/368/>

## Key Deadlines and Dates

31 March 2024	Deadline for submission of abstracts through the indico website for regular contributions
31 March 2024	Deadline for submission of registration through InTouch+ platform
30 April 2024	Notification of acceptance of abstracts and of grants
30 June 2024	Deadline for uploading slides on INDICO
8 July 2024	Event begins
12 July 2024	Event ends

If you have any queries please contact: Paraskevi (Vivian) Dimitriou, [P.Dimitriou@iaea.org](mailto:P.Dimitriou@iaea.org)

We look forward to seeing you in Vienna.

The Organisers

Paraskevi (Vivian) Dimitriou  
Roberto Capote Noy  
Georg Schnabel