



## **2022 EUROPEAN NUCLEAR PHYSICS CONFERENCE**

**Santiago de Compostela, Spain,**

**October 24<sup>th</sup> - 28<sup>th</sup> 2022**

<https://indico.cern.ch/e/EUNPC2022>

### **Second Circular**

The fifth edition of the European Nuclear Physics Conference EuNPC 2022, will take place from October 24<sup>th</sup> to 28<sup>th</sup>, 2022 in Santiago de Compostela, Spain. EuNPC 2022 is organized by the Nuclear Physics Board of the European Physical Society, The Nuclear Physics Group of the Real Sociedad Española de Física (GEFN/RSEF), the Nuclear Physics Spanish Network (FNUC), and the University of Santiago de Compostela (IGFAE/USC).

In the spirit of the Bochum 2009, Bucharest 2012, Groningen 2015, and Bologna 2018 European Nuclear Physics conferences, EuNPC 2022 aims to review and discuss the status and prospects in the field of nuclear physics and its applications. The conference will be a showcase for forefront theoretical and experimental developments, where the interplay between outstanding research and innovative concepts in the field will be promoted.

### **Important dates**

Abstract submission	From June 10 <sup>th</sup> - <b>September 12<sup>th</sup>, 2022</b>
Registration open	July 3 <sup>rd</sup> , 2022
Second circular	September 5 <sup>th</sup> , 2022
Notification of oral/poster presentation	September 20 <sup>th</sup> , 2022
Early registration deadline	October 2 <sup>nd</sup> , 2022
Deadline for online registration	October 16 <sup>th</sup> , 2022

## Scientific program

MONDAY OCT. 24 <sup>th</sup>	TUESDAY OCT. 25 <sup>th</sup>	WEDNESDAY OCT 26 <sup>th</sup>	THURSDAY OCT. 27 <sup>th</sup>	FRIDAY OCT. 28 <sup>th</sup>
REGISTRATION				
REGISTRATION	PLENARY 1	PLENARY 1	PLENARY 1	NPD Best PhD
WELCOME	PLENARY 2	PLENARY 2	PLENARY 2	
PLENARY 1	PLENARY 3	PLENARY 3	PLENARY 3	
PLENARY 2	PLENARY 4	COFFEE	PLENARY 4	
COFFEE	COFFEE	YOUNG MINDS	COFFEE	COFFEE
PLENARY 3	PLENARY 5	Professional development	PLENARY 5	PLENARY 1
PLENARY 4	PLENARY 6	Round table	PLENARY 6	PLENARY 2
PLENARY 5	PLENARY 7		PLENARY 7	CLOSING
LUNCH				
POSTERS	POSTERS	YM Social activity	POSTERS	
COFFEE	COFFEE		COFFEE	
Lise Meitner 2021	PARALLEL	YOUNG MINDS Soft Skills	PARALLEL	
AWARD	PARALLEL	PARALLEL	PARALLEL	
SOCIAL ACTIVITY	SOCIAL ACTIVITY	PARALLEL	SOCIAL ACTIVITY	
Lise Meitner Project	SCQ by Night		Conference Dinner	

This edition will consist of invited plenary talks given by outstanding researchers and parallel sessions in which we will favour the participation of talented young researchers with oral and poster contributions selected based on their quality, importance, and impact in the field of Nuclear Physics.

The **invited speakers of the plenary talks** have been selected as follows : Almudena Arcones (TUDarmstadt), Tom Aumann (TUDarmstadt), Marco Battaglieri (INFN-Genoa), Francesca Cavanna (INFN-Torino), Alberto Cervelli (INFN-Bologna), Maria Colonna (INFN-LNS), Marco Cortesi (NSCL-MSU), Sophia Dellmann (Frankfurt), Jean-Paul Ebran (CEA), Wolfram Fischer (BNL), Ronald Fernando Garcia Ruiz (MIT), Giuliano Giacalone (Heidelberg), Alain Goasduff (INFN-LNL), Angel Ibarra (IFMIF-DONES), Beatriz Jurado (LP2I), Jonas Kartheim (MIT), Alejandro Kievsky (INFN-Pisa), Jochen Klein (CERN), Ágota Koszorús (CERN), Marek Lewitowicz (CNRS), Carlos Muñoz Camacho (JLab), Yvonne Pachmayer (CERN), Primož Pelicon (Josef Stefan), Gianluca Quarta (Salento), Sinead Ryan (Trinity), Carlos Salgado (IGFAE-USC), Yuval Shagam (Technion), Christoph Ternes (INFN-Torino), Julia Becker Tjus (Ruhr).

They will cover, together with our parallel sessions, a rich scientific program including the following fields:

- Accelerators and Instrumentation
- Nuclear Structure, Spectroscopy, and Dynamics
- Nuclear Astrophysics
- Astroparticle Physics
- Heavy Ion Collisions and QCD Phases
- Hadron Structure, Spectroscopy, and Dynamics
- Fundamental Symmetries and Interactions
- Nuclear Physics Applications
- Few-Body Systems

The award ceremony of the prestigious **Lise Meitner Award 2022** will be in held in the Salon Noble (Pazo de Fonseca) of the University of Santiago de Compostela by Monday 24<sup>th</sup>. The winner of the 2022 Lise Meitner prize is Prof. Phil Walker (University of Surrey) for seminal contributions to the understanding of long-lived nuclear excited “isomeric” states and the factors that determine their half-lives, that range from nanoseconds to years.

We will also have a dedicated session with special talks given by young researchers awarded with the last edition of **Best PhD of Nuclear Physics Division**.

We have also booked some timeslot to held a session organised by the **EPS Young Minds project** in which we could discuss and learn about professional development and soft skills.

### **Abstract submission**

The **abstract submission** will be open until **September 12<sup>h</sup>**. Please select the parallel session to which you would like to present. Authors will be informed about the acceptance of their abstract and the type of presentation by September 20<sup>th</sup>, 2022.

### **Registration**

The deadline for the early registration is October 2<sup>nd</sup>, 2022. The registration will close at October 16<sup>th</sup>, 2020. Late registration will be possible at the registration desk during the conference.

### **Student Support**

EuNPC organisation can offer some grants to fully cover the conference fees ( for PhD students and 1st-2ndyear postdocs). To apply for this support, please send an e-mail before September 12<sup>th</sup> to [student-support-eunpc22@igfae.usc.es](mailto:student-support-eunpc22@igfae.usc.es) and attach a letter including name, affiliation, situation (PhD/Postdoc), research topic (associated to one of our parallel sessions), supervisor name and personal motivation.

### **Conference Site**

Plenary and parallel sessions will take place in Faculty of Media Studies, located Avenida de Castela, Santiago de Compostela, 15782.

### **Travel**

Santiago de Compostela is in the North west of Spain (Galicia). The best option to reach Santiago is by plane. Lavacolla-Rosalía de Castro International Airport is only 10 km away from the center. The access to the town is ensured by public bus (recommended to stop at Plaza Galicia) and taxi at fix rate of 21 € / trip.

There are two other airports in the vicinity of Santiago:

- The airport of A Coruña is located north of the province, only about 58 km from the city of Compostela.
- The airport of Vigo at 90 km south from the center of Santiago de Compostela.

In case you choose one of these options we can arrange a taxi transfer to Santiago with an estimated cost of (110 €/trip).

You can contact with our travel agency **PabloCabana@santago.es** and indicate your trip details together with the conference code EuNPC2022. He will arrange everything to ensure you have a safe and comfortable trip to Santiago.

We work with Viajes Santiago travel agency, please disregard any communication coming from other sources.

## Visa

If you need an invitation, please send a message to [eunpc2022@igfae.usc.es](mailto:eunpc2022@igfae.usc.es)

## Accommodation

Santiago is a very touristic place and there are many accommodation possibilities. We will pre-booked a number of rooms for students. If you confirm your booking soon you can get nice accommodations at low rates, but do not wait until last minute!.

Further details for the conference program, venue, instruction for presenters and social activities will be distributed in the conference webpage and in the Final Circular that will be sent to the conference participants.

If you need any assistance please contact us [eunpc2022@igfae.usc.es](mailto:eunpc2022@igfae.usc.es)

