



2022 EUROPEAN NUCLEAR PHYSICS CONFERENCE

Facultad de Ciencias de la Comunicación
Universidad de Santiago de Compostela

**Santiago de Compostela, Spain,
October 24th - 28th 2022**

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

Final Circular

The fifth edition of the European Nuclear Physics Conference EuNPC 2022, will take place from October 24th to 28th, 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 Instituto de Física de Altas Energías of 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.

Scientific program

An outstanding scientific program has been organized as follows. The general sessions consist of invited plenary talks given by outstanding researchers and parallel sessions in which we will favor 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** are:

- 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)
- Wolfram Fischer (BNL)
- Giuliano Giacalone (Heidelberg) **sponsored by Springer**
- Alain Goasduff (INFN-LNL)
- Angel Ibarra (IFMIF-DONES)
- Beatriz Jurado (LP2I)
- Jonas Kartheim (MIT) **sponsored by Springer**
- Alejandro Kievsky (INFN-Pisa) **sponsored by Few-Body Physics- Springer**
- Jochen Klein (CERN)
- Ágota Koszorús (CERN) **sponsored by Springer**
- Marek Lewitowicz (CNRS)
- Carlos Muñoz Camacho (Jlab) **sponsored by EPJ A- Springer**
- Yvonne Pachmayer (CERN)
- Primož Pelicon (Josef Stefan)
- Gianluca Quarta (Salento)
- Luis M. Robledo (UAM)
- Sinead Ryan (Trinity)
- Carlos Salgado (IGFAE-USC)
- Yuval Shagam (Technion)
- Christoph Ternes (INFN-Torino)
- Julia Becker Tjus (Ruhr)

Together with our **parallel sessions**, they will cover a rich scientific program with selected contributions that shape an exacting program on

- Accelerators and Instrumentation (**PS1**)
- Nuclear Structure, Spectroscopy, and Dynamics (**PS2**)
- Nuclear Astrophysics (**PS3**)
- Astroparticle Physics (**PS4**)
- Heavy Ion Collisions and QCD Phases (**PS5**)
- Hadron Structure, Spectroscopy, and Dynamics (**PS6**)
- Fundamental Symmetries and Interactions (**PS7**)
- Nuclear Physics Applications (**PS8**)
- Few-Body Systems (**PS9**)

The award ceremony of the prestigious **Prize Lise Meitner 2022** will be held in the Salon Noble (Pazo de Fonseca) of the University of Santiago de Compostela on Monday October 24th in the afternoon. The winner of the 2022 edition 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.

On Friday, October 27th, we will also have a dedicated session with special talks given by young researchers: Giuliano Giacalone (Heidelberg), Jonas Kartheim (MIT) and Ágota Koszorús (CERN). They have been awarded with the last edition (2021) of **Best PhD of Nuclear Physics Division Prize** and will present the results of their work.

A special session organized by the local section of the **EPS Young Minds** project will host a **round table** debate on a topic of particular interest for doctoral students and postdocs: “Life beyond the PhD, how to guide the development of a satisfactory professional career” on Wednesday the 26th. The debate will be followed by a **Workshop** led by Dr. Anna Muro and focused on Well-being and Positive Mental Health in Research Career.

The program is completed by a **Poster Session**. More than 30 contributions covering the scientific topics of the conference will be presented. They will be displayed in the entrance Hall (nearby the main Auditorium) of the Media Faculty during the whole week of the conference. Two sessions in the afternoon of Tuesday and Thursday will be dedicated to discuss with the authors. There will be a competition sponsored by NuPECC to select the **Best Poster of the EuNPC2022**.

You can find a direct link to the conference timetable **here**.

Social Program

The conference will open on Monday October 24th at 9:50 with the welcome of the President of the Nuclear Board Division of the EPS and the Local Organizers.

The award ceremony for the Lise Meitner 2022 prize will be held in the Salon Noble (Pazo de Fonseca) of the University of Santiago de Compostela on Monday 24th from 16:00-18:30. The ceremony will be followed by a welcome reception (19:00 -20:00) that will also take place in the cloister and refectory of this magnificent building.

The award ceremony program will be completed by an outreach performance promoted and sponsored by the Galician Institute of High Energy Physics - IGFAE with the participation of Hamamatsu Photonics Spain and NPD-EPS. The show, inspired by the life of Lise Meitner, will be performed by CRIT Companyia de Teatre and will take place on Monday 24th (21:00-22:00) in the Abanca Auditorium. The play will be in Spanish with English subtitles and is free for the EuNPC2022 participants.

For Tuesday 25th evening (from 20:30) we have organized a Tapas Tour. Tapas are small food portions accompanied by a drink. Each delegate will get three tickets that could be exchanged in bars of your choice, from a list or participant locations, located in the historic center of the city.

Wednesday 26th, at lunch break (12:30-14:30) and to close the Young Minds activities, we will share finger food in the garden nearby the Media Faculty, at the same time that we enjoy the music of a folk-fusion trio in a pleasant Vermouth session.

Thursday 27th (from 20:30) we will have the Conference dinner in the Hostal dos Reis Católicos. This restaurant occupies a beautiful 15th century building next to the famous Santiago's Cathedral in the central "Praza do Obradoiro". Built by the Catholic Kings to attend the sick pilgrims coming to visit the Apostle Santiago, it retains today many elements of the original building, such as vaulted ceilings, stone arches and tapestries that make an authentic mixture of history, art and tradition.

The conference will close on Friday 28th around 13:00.

Registration

The registration desk will be open on Monday 24th from 8:30 – 9:50. Delegate bags and documentation will be delivered at this moment.

The online registration is closed. Those that could not follow the online registration procedure are invited to do it at the registration desk by Monday morning (only card payment will be possible).

Proceedings

The proceedings of this conference will be published online. Further details about the publication procedures will be provided in due time in our Indico webpage.

Venue details

Conference site

Plenary and parallel sessions will take place in Faculty of Media Studies, located Avenida de Castelao, Santiago de Compostela, 15782 in the North Campus of Universidad de Santiago de Compostela.

Plenary talks will be in the main Auditorium of the Media Faculty, every day during the morning sessions (8:30-12:30), except Wednesday that will be (from 8:30-9:40). Monday afternoon will be devoted to the ceremony of the Lise Meitner Prize 2022 in the Salón Noble of Pazo de Fonseca. The parallel sessions will be in the afternoon of Tuesday, Wednesday and Thursday. They will take place in different classrooms in the Media Faculty (check the ID room directly in the conference timetable).

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 a fixed rate of 21 € / trip from and to the airport .

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 our travel agency **PabloCabana@santiago.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 the Congress Agency Santiago, please disregard any communication coming from other sources.

We wish you a safe trip to Santiago.

If you need any assistance please contact us eunpc2022@igfae.usc.es

