

18th Russbach School on Nuclear Astrophysics



First Circular

Dear Colleagues,

We would like to announce the **18th Russbach School on Nuclear Astrophysics** taking place at the village of Rußbach am Paß Gschütt, southeast of Salzburg, Austria. The school dates will be from **March 12 (arrival) to March 18 (departure) 2023**. After two cancellations in 2020 and 2021 due to the COVID-19 pandemic, we successfully continued with the school in 2022 and expect, if any, only minor restrictions for an in-presence school in 2023. This school is supported by and partners with the European starting community **ChETEC-INFRA** and belongs to the European Network of Nuclear Astrophysics Schools (ENNAS), a network made by the European schools on nuclear astrophysics and related areas (the Santa Tecla, the Sinaia, and the Russbach school).

In keeping with its tradition, the school will bring together specialists from the various sub-fields of **astronomy, astrophysics, cosmochemistry and nuclear physics** with the aim to raise mutual interest and to teach under- and postgraduate students, young post-docs as well as senior scientists interested in being introduced to nuclear astrophysics. The school will be organized in major topical sessions, with dedicated lecture time for basic introduction, presentations of the various aspects of the topic, and ample time for discussions and out-door activities in the Dachstein West mountain region. **Oral presentation** with durations of 45 minutes are foreseen for invited lecturers, about 30 minutes for contributed lecturers and about 10-15 minutes for students.

We expect every participant to give an oral presentation with durations of about 45 minutes for invited lecturers, about 15 to 30 minutes for contributed lecturers and about 10 minutes for students.

The **accommodation expenses** for the school's duration, including half board (breakfast and dinner), **will be announced soon**. (We expect approx. €540 for a double-room, and approx. €640 for a single room. These include taxes, breakfast and your evening dinner, lunch is not included.) Note that only a limited number of single rooms is available. Those are reserved for special cases and senior speakers. In addition, a few family rooms are available for speakers with more than one accompanying person. In addition, we will ask for **modest registration fees** for **senior scientists (€180)**, **postdocs (€120)**, **PhD students (€60)**, and **accompanying persons (30€)** for special activities and conference dinner). There will be **no fee for undergraduate students**.

You can register at

<https://events.hifis.net/e/russbach2023>

where you also find useful information for the school and links to previous ones. In the registration form, you can also submit title and abstract for your talk and specify the information needed for the hotel reservation. Since the school capacity is limited to 60 participants, all **students are asked to fill an application section** including a **motivation letter**, faculty supervisor or equivalent contact information, and a **letter-of-recommendation**.

The lecturers that thus far agreed to give presentations are:

- Ani Abrahamian •
- Gabriele Cescutti •
- Sergio Cristallo •
- Flavia Dell'Agli •
- Rosanna Depalo •
- Inma Dominguez •
 - Jenny Feige •
- Camilla Juul Hansen •
 - Vanessa Hill •
 - Andreas Korn •
- Gabriel Martinez-Pinedo •
 - David Mascali •
 - Fernando Montes •
 - Wie Jia Ong •
 - Marco Pignatari •
 - Reto Trappitsch •
 - Aurora Tumino •
 - Remco Zegers •

We are looking forward to meeting you in Russbach

Olivier Sorlin, Konrad Schmidt, and Sara Palmerini
Directors of the Russbach school

and

Karl Ludwig Kratz and Marcel Heine
Local organizers