ChETEC-INFRA SNAQs [snacks]
Schools on Nuclear Astrophysics Questions

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101008324 (ChETEC-INFRA).

Question in November 2021

How to interpret stellar spectra?

Timetable (14:00 – 17:30 CET, 08:00 – 11:30 EST)

14:00 – 14:10	Welcome
14:10 – 14:20	Introduction to observational schools in 2022
14:20 – 15:00	**Tools and techniques for modelling stellar spectra in 1D/LTE** **Bertrand Plez**, *University of Montpellier, France*
15:10 – 15:50	**Tools and techniques for modelling stellar spectra beyond 1D/LTE** **Andy Gallagher**, *Leibnitz Institute for Astrophysics, Germany*
16:00 – 16:25	Coffee break and breakout session
16:25 – 16:40	**Tracing the slow neutron capture process in AGB stars using Ba star abundances** **Borbála Cseh**, *Konkoly Astronomical Institute, Hungary*
16:45 – 17:00	**Evidence for rotation and mixing in a sample of young massive giant stars** **Linda Lombardo**, *Observatoire de Paris, France*
17:05 – 17:30	Round table discussion

Guidelines for participants of SNAQs

Please, …

- … rename yourself in the Zoom sessions to match your registration name and institution – this will serve as your “nametag”.

- … mute your microphone during talks.

- … use the public chat only for questions related to the lecture; for discussions, please use the private chat.

- … write your questions in the chat – due to the high number of participants, a moderator will read a selection of questions but can choose a limited number only.

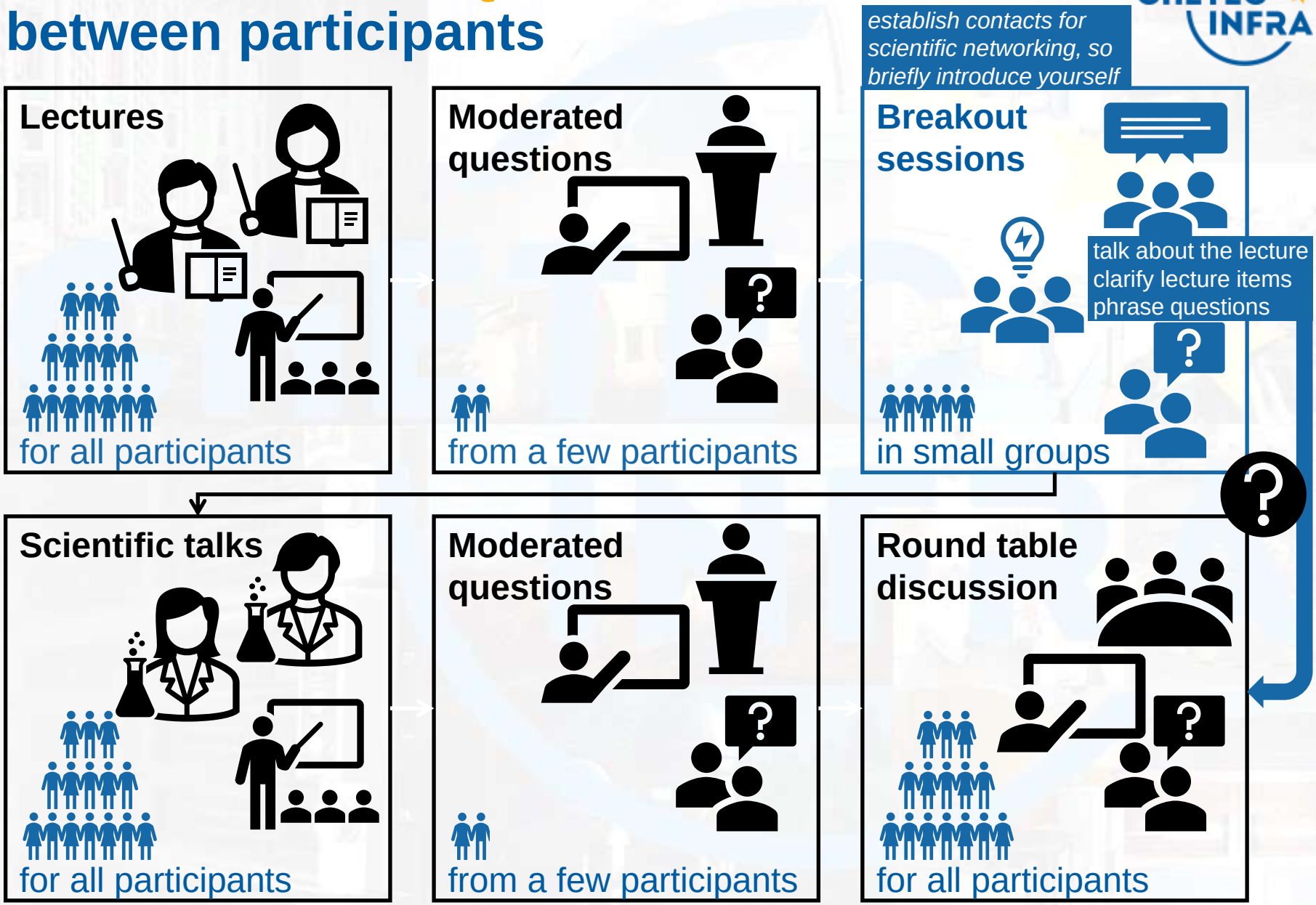
- … use breakout rooms to talk and chat to each other in smaller groups. Breakout rooms will be available during coffee breaks; participants can choose rooms freely.

- … behave professionally and respectfully
- … follow ethical standards as professional integrity and honesty
- … foster a welcoming and inclusive work environment

Online Attendance Certificates

Please contact Mohamad Moukaddam moukaddam@unistra.fr

The focus of SNAQs is on interaction between participants



ChETEC-INFRA Transnational Access

Access to 13 Research Infrastructures in Nuclear Astrophysics:

- ★ **Astronuclear High Performance Computing**
  - University of Hull (UHULL) viper HPC*, United Kingdom*
- ★ **Astronuclear Laboratories (AMS, Reactions with Ion Beams)**
  - HZDR DREsden Accelerator Mass Spectrometry (DREAMS), *Germany*
  - HZDR Felsenkeller, *Germany*
  - Vienna Environmental Research Accelerator (VERA), *Austria*
  - Goethe University Frankfurt Van de Graaff accelerator, *Germany*
  - PTB Ion Accelerator Facility (PIAF), *Germany*
  - University of Cologne 10MV Tandem accelerator, *Germany*
  - ATOMKI Cyclotron, *Hungary*
  - IFIN-HH 3MV Tandetron, *Romania*
- ★ **Astronuclear Telescopes**
  - IANAO Rozhen National Astronomical Observatory, *Bulgaria*
  - ASU Perek 2m Telescope, *Czech Republic*
  - Aarhus University Nordic Optical Telescope (NOT), *Denmark*
  - Vilnius University Molėtai Astronomical Observatory (MAO), *Lithuania*

Apply for user time at

https://gate.hzdr.de/user/

More information at

https://www.chetec-infra.eu/tna/

Announcement: Next SNAQ on Wednesday, December 8, 2021 at 14:00 CET (08:00 EST)

Question

Does Nuclear Astrophysics probe fundamental physics?

Website

https://events.hifis.net/e/snaqs-dec2021

Call for abstracts

We highly encourage **young scientists** (Master's and PhD students, as well as young postdocs) to apply for **scientific talks** related to the question above. If you are interested, please submit an abstract of your talk at the lower end of the registration form.

Deadline for abstract submission is Wednesday, December 1, 2021.