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 April 2022

Why is attracting high school students to nuclear astrophysics a win-win for everyone?

14:00 → 14:05	**Welcome** **Speaker**: Konrad Schmidt (Helmholtz-Zentrum Dresden-Rossendorf, Germany)	5m	
14:05 → 14:10	**Nuclear Physics in Astrophysics X (NPAX) School** **Speaker**: Rosanna Depalo (Università degli Studi di Milano, Italy)	5m	
14:10 → 14:45	**Outreach in nuclear astrophysics at FRIB, JINA-CEE, and IReNA** **Speaker**: Zach Constan (Michigan State University, USA)	35m	
14:45 → 14:55	**Questions**	10m	
14:55 → 15:30	**Outreach via masterclasses in particle physics** **Speaker**: Ken Cecire (University of Notre Dame, USA)	35m	
15:30 → 15:40	**Questions**	10m	
15:40 → 16:00	**Coffee break and breakout session**	20m	
16:00 → 16:35	**Plans for masterclasses in nuclear astrophysics** **Speaker**: Hannes Nitsche (Technische Universität Dresden, Germany)	35m	
16:35 → 16:45	**Questions**	10m	
16:45 → 17:20	**Outreach experience report** **Speaker**: Steffen Turkat (Technische Universität Dresden, Germany)	35m	
17:20 → 17:30	**Questions**	10m	

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.

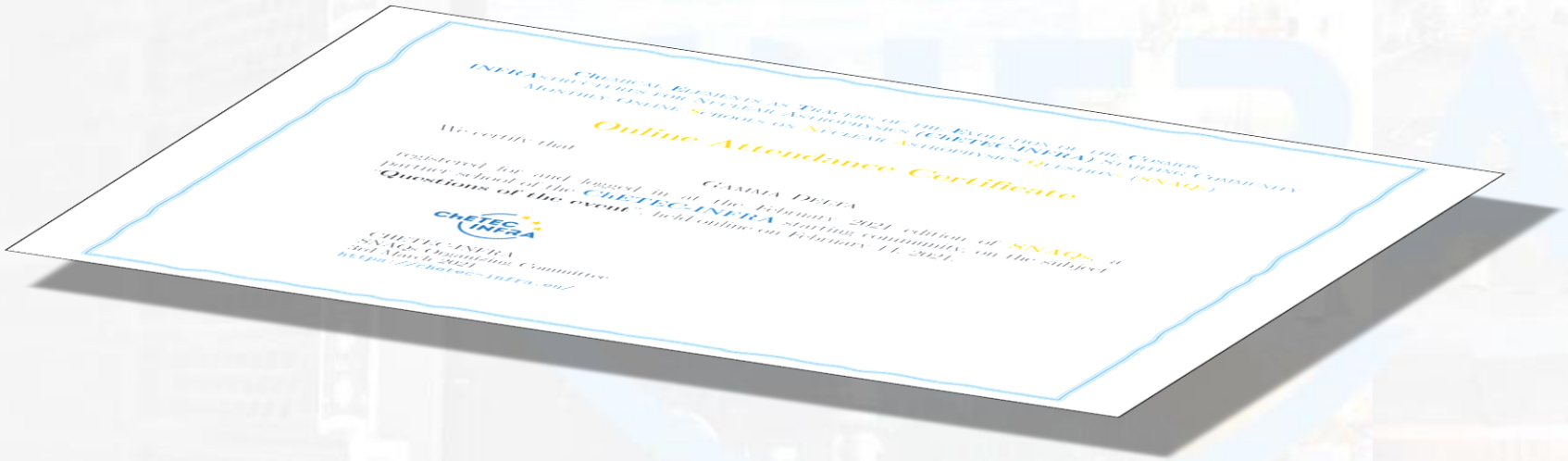
- … write your questions in the chat – due to the high number of participants, a moderator will read a selection of questions but can choose a limited number only.

- … 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 Marcel Heine
marcel.heine@iphc.cnrs.fr



ChETEC-INFRA Transnational Access

EU supported 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, May 11, 2022 at 14:00 CEST (08:00 EDT)

Question

Accurate abundances of chemical elements in stars: why and how?

Website

https://events.hifis.net/e/snaqs-may2022

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, May 4, 2022.