ChETEC-INFRA SNAQS [snacks] Schools on Nuclear Astrophysics Questions Question in February 2022 How to model a star in your laptop? Timetable (14:00 to 17:30 CET, 09:00 to 12:30 EST)	
14:00 – 14:05	Welcome and Introduction
14.00 - 14.05	Konrad Schmidt, Helmholtz-Zentrum Dresden-Rossendorf, Germany
14:05 – 14:50	Structure and equilibrium of normal stars Maurizio Busso, University of Perugia, Italy
15:00 – 15:45	How to make elements in my computer Marco Pignatari, Konkoly Observatory, Hungary
15:55 – 16:15	Coffee break and breakout session
16:15 – 16:25	Nuclear Physics in Astrophysics X (NPAX) conference and school Alberto Mengoni, ENEA Bologna and INFN Sezione di Bologna, Italy and CERN, Switzerland
16:25 – 16:40	3D hydrodynamics simulations of massive stars with the PROMPI code Federico Rizzuti, Keele University, United Kingdom
40.45 47.00	
16:45 – 17:00	Direct measurement of the ¹⁹ F(p,α) ¹⁶ O reaction Teodora Andreea Madgearu, Extreme Light Infrastructure, Romania
17:05	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

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Please contact Marcel Heine marcel.heine@iphc.cnrs.fr

The focus of SNAQs is on interaction between participants establish contacts for scientific networking, so



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 - 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
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СНЕТЕ





Announcement: Next SNAQ on Wednesday, April 13, 2022 at 14:00 CEST (08:00 EDT)



Question

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

Website

https://events.hifis.net/e/snaqs-apr2022

This is a special **outreach** event. We will discuss why outreach is **important** for bachelor, master and PhD students, as well as for postdocs, staff scientists and professors. Thereby, we will focus on outreach for high-school students and how we can motivate them to proceed in **nuclear astrophysics**. Further, we will introduce useful **techniques and tools**.