

# Nuclear Physics in Astrophysics – XI

Dresden, 15 – 20 September 2024

## Invited speakers

Philip **Adsley**, Texas A&M, USA  
Anish **Amarsi**, Uppsala University, Sweden  
Almudena **Arcones**, TU Darmstadt, Germany  
Carlo **Bruno**, University of Edinburgh, UK  
Artur **Choplin**, Universite Libre de Bruxelles, Belgium  
Richard **deBoer**, University of Notre Dame, USA  
Tim **Dietrich**, University of Potsdam, Germany  
Cesar Domingo **Pardo**, CSIC University of Valencia, Spain  
Anthea **Fantina**, GANIL, France  
Anna **Frebel**, MIT, USA  
Stephan **Fritzsche**, Helmholtz Institute Jena, Germany  
Jan **Glorius**, GSI, Germany  
Sébastien **Guillot**, IRAP Toulouse, France  
Günther **Hasinger**, DZA, Germany  
Brynmor **Haskell**, Nicolaus Copernicus Astronomical Center Warsaw, Poland  
Michèle **Heurs**, University of Hannover / DZA, Germany  
Erin **Higgins**, Armagh Observatory, UK  
Heshani **Jayatissa**, Los Alamos National Lab, USA  
Beatriz **Jurado**, LP2I, Bordeaux, France  
Dominik **Koll**, TU Dresden, Germany  
Gavin **Lotay**, University of Surrey, UK  
Sébastien **Martinet**, Université Libre de Bruxelles, Belgium  
Denise **Piatti**, INFN Padova, Italy  
Marco **Pignatari**, Konkoly CSFK, Hungary  
David **Rapagnani**, University of Naples, Italy  
Stephan **Rosswog**, University of Hamburg, Germany  
Roberta **Spartà**, Laboratori Nazionali del Sud, Italy  
Asa **Skuladottir**, Florence University, Italy  
Else **Starkenburger**, Kapteyn Astronomical Institute, Netherlands  
Reto **Trappitsch**, EPFL Lausanne, Switzerland  
John **Tomsick**, Space Sciences Laboratory, Berkeley, USA  
Sophie **Van Eck**, Université Libre de Bruxelles, Belgium  
Meng **Wang**, IMP Lanzhou, China  
Mathis **Wiedeking**, Lawrence Berkeley National Laboratory, USA  
Matthew **Williams**, University of Surrey, UK

## Scientific topics

- Cosmology and Big Bang
- Early stars and galaxies
- Hydrostatic stellar burning
- Explosive processes, jets,  $\gamma$ -ray bursts
- Cosmochemistry
- p-, n-, rp-process nucleosynthesis
- Neutron stars, mergers, gravitational waves
- Astrophysical s-process
- Astrophysical r- and i-processes
- New tools and techniques, data formats, and open access



<https://events.hifis.net/e/NPA-XI>