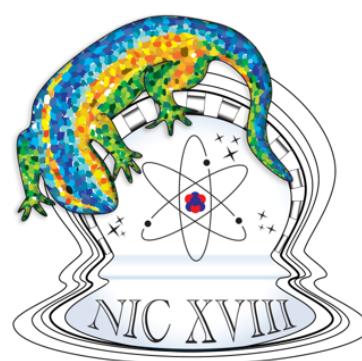


Session Program

15–20 Jun 2025



International Symposium on Nuclei in the Cosmos XVIII (NIC XVIII)

Stellar Abundances I – Spectroscopy, Meteorites, Solar System Abundances, Extremely Metal-Poor Stars

Girona

Palau de Congressos de Girona Pg. de la Devesa, 35 17001 Girona

Monday 16 June

09:30

Stellar Abundances I – Spectroscopy, Meteorites, Solar System Abundances, Extremely Metal-Poor Stars

Session | Location: Girona, Palau de Congressos de Girona Pg. de la Devesa, 35 17001 Girona

09:30–10:00 Solar System Elemental Abundances

Speakers

Katharina Lodders, Katharina Lodders, Maria Bergemann, Maria Bergemann

10:00

10:45

Stellar Abundances I – Spectroscopy, Meteorites, Solar System Abundances, Extremely Metal-Poor Stars

Session | Location: Girona, Palau de Congressos de Girona Pg. de la Devesa, 35 17001 Girona

10:45–11:15 Abundances of EMP stars

Speaker

Dr Miho Ishigaki

11:15–11:30

Deriving Progenitors of Extremely Metal-poor Stars with Nucleosynthesis Yields of Massive Stars

Speaker

Ruizheng Jiang

11:30–11:45 The heavies in CEMP

Speaker

Sophie Van Eck

11:45–12:15 Nucleosynthetic Isotope Variations in Meteorites

Speaker

Larry Nittler

12:15–12:30

Examining evidence for a shorter ^{146}Sm - ^{142}Nd chronology in the early solar system

Speaker

Yibin Qian

13:00

14:15

Stellar Abundances I – Spectroscopy, Meteorites, Solar System Abundances, Extremely Metal-Poor Stars

Session | Location: Girona, Palau de Congressos de Girona Pg. de la Devesa, 35 17001 Girona

14:15–14:30

R-Process Alliance: unveiling the abundance patterns of ten r-II stars through homogeneous spectral analysis

Speaker

Mila Racca

14:30–14:45 3D NLTE abundance of iron-peak and neutron-capture elements within GCE context

15:00	<div>Speaker Nicholas Storm</div>
	<div>14:45–15:00 Nature's Fission Fragment Distribution</div> <div>Speaker Erika Holmbeck</div>