

Session Program

9-13 Nov 2026

Illuminating the Cosmos: Chemical Elements in Stars, Planets, Nebulae, and Transient Extra-galactic Events

Stellar Atmospheres

Haus der Astronomie, Auditorium
Königstuhl 17 69117 Heidelberg

Tuesday 10 November

09:00

Stellar Atmospheres

Session | **Location:** Haus der Astronomie, Auditorium, Königstuhl 17 69117 Heidelberg

09:00–09:30 **TBA**

Speaker

Lara Delbroek

09:30–09:50

Wind Collisions and Giant Eruptions in Massive Binaries, and their Effects on the Involved Stars

Speaker

Amit Kashi

09:50–10:10

The nucleosynthesis of stars: a link between stellar modelling and galactic archaeology

Speaker

Federico Rizzuti

10:30–10:50 **coffee**

11:10–11:30

Uncovering systematic differences in chemical abundances from IGRINS H- and K-band spectra

Speaker

Dongwook Lim

11:30–11:50 **Classical Cepheids in the 4MOST era. NLTE chemical abundances**

Speaker

Ricardo Albarracín

11:50–12:10

Uncovering abundance systematics in surveys using 3D NLTE radiative transfer

Speaker

ELla Wang

13:30–14:00 **Galactic chemical evolution in 3D NLTE**

Speaker

Nicholas Storm

14:00–14:20 **Revisiting r-process signatures with 3D non-LTE stellar spectroscopy**

Speaker

Mila Racca

14:20–14:40

Revealing α -Element's Past with Subaru/IRD: Oxygen Abundance of 35 Very Metal-Poor Stars from Near-IR OH lines

15:20	Speaker Bakuh Danang Setyo Budi
	15:00–15:20 coffee