Focus Meeting 9, IAU General Assembly 2022

Tuesday 2 August

Morning e-poster session	0945–1030
FM9-1	**1030–1200**
Nathan Sandford	Self-consistent stellar chemical abundance measurements: From near to far, high to low (resolution)
Yuan-Sen Ting	How many elements matter
Sven Buder (Remote)	Galactic Archaeology with spectra from the GALAH survey
Maria Luiza Linhares Dantas	Old super-metal rich stars in the solar vicinity: from where did they come?
Lunch	**1200–1330**
FM9-2	**1330–1500**
Deokkeun An	Empirical calibration of synthetic stellar spectra based on large photometric surveys
Rachael Beaton	Stellar spectroscopy for cosmology: Prospects & challenges with late-type stars as standard candles
Dongwook Lim	IGRINS high-resolution near-infrared spectroscopy of globular cluster candidates toward the Galactic bulge
Vinicius Branco	A grid of synthetic spectra for the study of multiple populations in globular clusters
Break	**1500–1515**
FM9-3	**1515–1645**
Mashhoor Al-Wardat	Al-Wardat's Method for analyzing binary and multiple stellar systems
Awni Kasawneh	Stellar parameters of the close binary system: HIP 27758
Thayse Pacheco	A grid of subdwarf's synthetic spectra to study hot stellar components in old stellar populations
Matheus Bernini Peron	X-rays in stellar atmospheres: The case of cool B supergiants
Break	**1645–1700**
Opening ceremony	**1700–2000**

Wednesday 3 August

Morning e-poster session	0945–1030
FM9-4	**1030–1200**
Roel Lefever	The challenges of modelling Wolf-Rayet atmospheres: Prescribed and dynamically-consistent winds
Luisa Fernanda Rodríguez Díaz	Current status and future prospects of the STAGGER grid
Jonas Klevas	3D hydrodynamical model atmospheres of M-dwarfs
Yixiao Zhou	3D model atmospheres and line formation calculations with non-standard chemical compositions
Lunch	**1200–1330**
FM9-5	**1330–1500**
Cis Lagae	Modelling the Milky Way's most metal-poor star
Gloria Canocchi	Improving planetary atmosphere characterization by 3D NLTE modeling of the stellar centre-to-limb effect
Ella Xi Wang	Grids of 3D NLTE spectra in practice
Jack Mallinson (Remote)	Non-LTE impact of Ti I and Ti II on metal poor type star abundances
Break	**1500–1515**
FM9-6	**1515–1645**
Hans-Günter Ludwig (Remote)	A library of high-resolution spectra of 3D model atmospheres
Anish Amarsi	Accurate iron abundances of dwarf stars
Tiago Pereira	Speeding up 3D non-LTE spectral synthesis with neural networks
Piercarlo Bonifacio (Remote)	Fiorella Castelli and her legacy
Afternoon e-poster session	**1645–1730**
Invited discourse 1	**1730–1830**