

Daily Schedule IAUS370 Winds of Stars and Exoplanets

last update: 5 August 2022

Date	8th Aug	Monday			Type of Participation
Time (KST, GMT+9)	Category	Speakers			Type of Participation
		Name	Abs_no.	Title	
08:15-09:45	Plenary	Stanley Owocki	2488	Winds and magnetospheres from stars and planets: similarities and differences	Remote Talk

Date	9th Aug	Tuesday			Type of Participation
Time (KST, GMT+9)	Category	Speakers			Type of Participation
		Name	Abs_no.	Title	
				See main IAU GA programme	
Coffee Break & e-poster					
10:30-11:00	Invited	Rachel Osten	2751	Observations of winds and CMEs of low-mass stars	In-person Talk
11:00-11:15	Contributed	Grace Telford	1806	FUV Constraints on the Winds and Rotation of Main-Sequence O Stars at Extremely Low Metallicity	In-person Talk
11:15-11:30	Contributed	Allan Sacha Brun	1719	Advanced models of the solar wind, inner corona and heliosphere	In-person Talk
11:30-11:45	Contributed	Calum Hawcroft	2864	New empirical mass-loss rates and wind properties of massive stars at low metallicity	In-person Talk
11:45-12:00	Contributed	Gemma González-Torà	283	The effect of winds in Red Supergiants I. 1D Modelling for interferometric observations	In-person Talk
Lunch					
13:30-14:00	Invited	Andrea Mehner	1053	Observations of outflows of massive stars	In-person Talk
14:00-14:15	Contributed	Atefeh Javadi	2775	Mass-loss rates of cool evolved stars in the Local Group galaxies	In-person Talk
14:15-14:45	Invited	Leonardo Dos Santos	1595	A review on the observations of planetary winds and outflows	In-person Talk
14:45-15:00	Contributed	Hyosun Kim	2096	The porous envelope and circumstellar wind matter of the closest carbon star	In-person Talk
Break					
15:15-15:45	Invited	Susanna Parenti	2281	Updates on recent findings from the solar wind with major facilities	In-person Talk
15:45-16:00	Contributed	Simon Daley-Yates	828	Slingshot Prominences, Formation, Ejection and Cycle Frequency in Cool Stars	Remote Talk
16:00-16:15	Contributed	Giovanni Pinzon	1028	Is the magnetospheric accretion process active in Herbig Ae/Be stars ?	In-person Talk
16:15-16:30	Contributed	Adam Finley	1470	Rotation of the Solar Corona and Solar Wind Angular Momentum-loss	In-person Talk
16:30-16:45	Contributed	Kristina Kislyakova	2585	X-ray observations as a tool to estimate stellar mass losses	Remote Talk
Coffee Break & e-poster					

Date 10th Aug Wednesday

Category	Category	Speakers			Type of Participation
		Name	Abs_no.	Title	
	Plenary			See main IAU GA programme	
Coffee Break & e-poster					
10:30-11:00	Invited	Daria Kubyshkina	1214	The origin of planetary winds	Remote Talk
11:00-11:15	Contributed	Dualta O Fionnagain	2626	Coronal Mass Ejections and Type II Radio Emission Variability during a Magnetic Cycle on the Solar-type Star ϵ Eridani	In-person Talk
11:15-11:30	Contributed	Jean-Michel Desert	3274	Deciphering composition and winds in exoplanet atmospheres	In-person Talk
11:30-11:45	Contributed	Hiroto Mitani	1960	The classification of the atmospheric escape: three types of escape driven by EUV photoionization heating	In-person Talk
11:45-12:00	Contributed	Florian Driessen	1392	'Discrete Absorption Components' from 3-D spot models of hot star winds	In-person Talk
Lunch					
13:30-14:00	Invited	Munehito Shoda	1905	Stellar wind from low-mass main-sequence stars: an overview of theoretical models	In-person Talk
14:00-14:15	Contributed	Catalina Arcos	1612	Hydrodynamic disk solutions for Be stars using HDUST	In-person Talk
14:15-14:30	Contributed	Robert Kavanagh	976	Signatures of star-planet interactions across the electromagnetic spectrum	In-person Talk
14:30-14:45	Contributed	Nicolas Moens	1606	Uncovering the Wolf-Rayet wind launching mechanism through 3D radiation-hydrodynamics	In-person Talk
14:45-15:00	Contributed	Gopal Hazra	2278	Effect of stellar coronal mass ejections and flares on the atmosphere of hot Jupiters and their transit signatures	In-person Talk
Break					
15:15-15:45	Invited	Andreas Sander	624	The driving of hot star winds	In-person Talk
15:45-16:00	Contributed	Takeru Suzuki	872	Role of Longitudinal Waves in Alfvén-wave-driven Solar/Stellar Wind	In-person Talk
16:00-16:15	Contributed	Judy Chebly	2615	Filling the gap in stellar wind observations of cool stars via 3D MHD numerical modelling	In-person Talk
16:15-16:30	Contributed	Ignacio Araya	1647	ISOSCELES: Grid of stellar atmosphere and hydrodynamic models of massive stars. The first results.	In-person Talk
16:30-16:45	Contributed	Julián Alvarado-Gómez	414	Simulating the Space Weather in the AU Mic System: Stellar Winds and Extreme Coronal Mass Ejections	In-person Talk
Coffee Break & e-poster					

Date 11th Aug Thursday

Category	Category	Speakers			Type of Participation
		Name	Abs_no.	Title	
	Plenary			See main IAU GA programme	
Coffee Break & e-poster					
10:30-11:00	Invited	Jonathan Mackey	1335	Interaction between massive star winds and the interstellar medium	In-person Talk
11:00-11:30	Invited	Ildar Shaikhislamov	342	Interaction of exoplanetary and stellar winds and its observational manifestations	Remote Talk
11:30-11:45	Contributed	Takashi Moriya	748	Massive star mass loss constrained by supernova radio properties	In-person Talk
Lunch					
13:30-13:45	Contributed	Ashkbiz Danehkar	387	Time-dependent Numerical Modeling of Thermally Driven Stellar Winds	In-person Talk
13:45-14:00	Contributed	Varsha Ramachandran	373	Probing the winds and interactions of OB stars in different environments	In-person Talk
14:00-14:30	Invited	Darius Modirrousta-Galian	287	Role of Planetary Winds in Planet Evolution and Population	In-person Talk
14:30-14:45	Contributed	Pin-Gao Gu	1270	Size Evolution of Close-in Super-Earths through Giant Impacts and Photoevaporation	Remote Talk
Break					
15:15-15:45	Invited	Sung-Chul Yoon	2556	Effects of rotation on the evolution of early-type stars	In-person Talk
15:45-16:00	Contributed	Andrew Allan	2472	The Evolution of Atmospheric Escape of Highly Irradiated Gassy Exoplanets	In-person Talk
16:00-16:15	Contributed	Zsolt Keszthelyi	257	Spin down and reduced mass loss in early-type stars with large-scale magnetic fields	In-person Talk
16:15-16:30	Contributed	Antoine Strugarek	1423	Architectures of rotating star-planet systems: Comparing theoretical predictions to observations	Remote Talk
16:30-16:45	Contributed	Gautham Narayana Sabhahit	1480	Mass-loss implementation and temperature evolution of very massive stars	Remote Talk
Coffee Break & e-poster					