

IAUS 372 - E-TALKS and E-POSTERS

All e-posters and e-talks can be viewed from the "gallery" pages, accessible from the main IAU page: <http://www.iauga2022.org>. Questions to authors can be sent via the gallery platform (email), or posted in the slack channels "iaus372_poster" and "iaus372_e-talk". It is good practice to use @name before your message, so the author will see it.

Presenters have agreed to be available online "in real time" during some of the poster sessions slots, as indicated below. We hope this will stimulate some dynamic conversation with the viewers. Of course asynchronous conversations are always possible.

E-poster presenters in Busan can take advantage of two on-site monitors that are reserved for S372 (in room 301, Exhibit Hall). Below is the suggested schedule for them to be available near the monitors; each poster is allocated ~ 20 minutes during a given poster session. Participants can use any other on-site monitor if free (e.g. outside of poster sessions). No e-talk can be uploaded on these monitors unfortunately.

Poster session times: morning 09:45 - 10:30 KST (02:45 - 03:30 CEST ; 17:45 - 18:30 Pacific Daylight Time ***the day before***);
afternoon 16:45 - 17:30 KST (09:45 - 10:30 CEST; 00:45 - 01:30 Pacific Daylight Time)

E-POSTERS - presenters in Busan

Name	Abstract Title	yellow = in person	On-site monitor	
Dipankar Banerjee	Long term evolution of magnetic field proxies as deduced from Archival data		Tue Aug 2, afternoon	
Sarah Gibson	The Coronal Solar Magnetism Observatory (COSMO)		Tue, Aug 2, afternoon	
Sarah Gibson	Scattering Polarization Diagnostic of the UV Corona.			
Sibaek Yi	Coronal Magnetic Field Reconstruction Using the Poloidal-Toroidal Representation		Tue Aug 2, afternoon	
Eun-Kyung Lim	Dynamical and Thermal Properties of RBEs and RREs derived from Fast Imaging Solar Spectrograph		Wed Aug 3, morning	
Gianna Cauzzi	Spatio-temporal Characterization of Hot Chromospheric Fibrils		Wed Aug 3, morning	
Pankaj Kumar	Plasmoids, flows, and Jets During Magnetic Reconnection in a Failed Solar Eruption		Wed Aug 3, morning	
Divya Oberoi	Understanding Weak Impulsive Narrowband Quiet Sun Emissions (WINQSEs)		Wed Aug 3, afternoon	
Durgesh Tripathi	Quiet Sun heating using machine learning		Wed Aug 3, afternoon	
Kyoung Sun Lee	Fast Multi-Layer Spectral Inversion of the H α And Ca II 8542 Line Spectra Using a Deep Neural Network		Wed Aug 3, afternoon	
Hannah Kwak	Spectroscopic detection of Alfvénic waves in the chromospheric fibrils of a solar quiet region		Wed Aug 3, afternoon	
Harim Lee	Generation of solar UV and EUV data from Ca II K Images by Deep Learning		Thu Aug 4, morning	
Hyun-Jin Jeong	Improvements of AI-generated solar farside magnetograms and their applications		Thu Aug 4, morning	
Jihyeon Son	Generation of He I 1083nm Images from SDO AIA Images using a Deep Learning Model		Thu Aug 4, morning	
Sumiaya Rahman	Fast generation of 3D solar coronal parameters based on MAS by a deep learning method		Thu Aug 4, morning	

E-POSTERS - remote presenters

Name				Real time availability (on slack)
Hechao Chen	Coronal condensation in magnetic dips as the source of quasi-steady supersonic downflows into sunspots			Wed Aug 3, morning; Thu Aug 4, morning
Kyung-Suk Cho	High Resolution Observations of a Plume's Footpoint in Solar Coronal Hole			Wed Aug 3, afternoon; Thu Aug 4, afternoon
Yukio Katsukawa	Synoptic acquisition of full-disk magnetic fields in the photosphere and the chromosphere by an infrared spectro-polarimeter on the Solar Flare Telescope			Tue Aug 2, morning; Wed Aug 3, morning
Yukun Luo	Power spectra of the sun's large-scale magnetic field during solar cycles 23 and 24			Tue Aug 2, morning; Tue Aug 2, afternoon
Isabell Piantschitsch	How density profiles of global coronal waves influence their interaction with coronal holes			Tue, Aug 2, afternoon; Wed. Aug 3, afternoon
Jack Reid	Self-consistent nanoflare heating in model active regions: MHD avalanches in curved coronal arcades			Wed Aug 3, afternoon; Thu Aug 4, afternoon
Joao M. Da Silva Santos	The emerging flux meets the magnetic canopy: chromospheric heating in current sheets and cooling rates			Wed. Aug 3, afternoon; Thu Aug 4, afternoon
Joao M. Da Silva Santos	Subarcsecond imaging of a solar active region filament with ALMA and IRIS			
Santiago Vargas Domínguez	Photospheric magnetic field variations during solar flares			Tue Aug 2, morning; Wed Aug 3, morning
Arturs Vrublevskis	Multi-messenger investigations of a sunspot as a source of slow solar wind.			Wed Aug 3, afternoon; Thu Aug 4, afternoon
Ruihui Wang	Automatic detection of solar active regions from SOHO/MDI and SDO/HMI synoptic magnetograms			Tue Aug 2, morning; Tue Aug 2, afternoon
Haruka Washinoue	The Effect of the Chromospheric Temperature on Coronal Heating			Wed Aug 3, morning; Thu Aug 4, morning
Zebin Zhang	A new mechanism for the butterfly diagram of the solar cycle			Tue Aug 2, morning; Tue Aug 2, afternoon

E-TALKS

Name	Abstract Title	yellow = will be in Busan		Real time availability (on slack)
Anu B Sreedevi	An automatic algorithm to track bipolar magnetic regions in magnetograms to study the evolution of their properties			Tue, Aug 2, afternoon; Wed. Aug 3, afternoon
Arpit Shrivastav	Effect of Coronal rain on oscillation properties of Coronal loops			Wed Aug 3, morning; Thu Aug 4, morning
Bhupendra Malvi	Study of Ionospheric behaviour during the intense geomagnetic storms in 24th solar cycle over different Latitudes and Longitudes			Thu Aug 4, morning; Thu Aug 4, afternoon
Bibhuti Kumar Jha	Signature of tilt quenching from observation of tilted bipolar magnetic regions on the Sun			Tue, Aug 2, afternoon; Thu Aug 4, morning
Henrik Eklund	Investigating small scale brightening events and the impact of angular resolution of solar ALMA observations			Wed Aug 3, morning; Thu Aug 4, morning
Suresh Babu Balaji	Plasma flows in the active-region as seen by IRIS			Wed Aug 3, morning; Thu Aug 4, morning
Vemareddy Panditi	Eruption of the EUV Hot Channel from the Solar Limb and Associated Moving Type IV Radio Burst			Wed Aug 3, afternoon; Thu Aug 4, morning
Shirsh Lata Soni	Investigation of coronal mass ejection at different heliospheric distances using Solar Orbiter, BepiColombo, and Wind data			Wed Aug 3, afternoon; Thu Aug 4, afternoon
Zihao Yang	MAGNETOSEISMOLOGY FOR THE SOLAR CORONA: FROM ~10 GAUSS TO CORONAL MAGNETOGRAMS			Tue, Aug 2, afternoon; Wed. Aug 3, afternoon
Yu Xu	Sun-as-a-star spectroscopic observations of the line-of-sight velocity of a solar eruption on October 28, 2021			Wed Aug 3, afternoon; Thu Aug 4, afternoon