

15th Conference of HelAS
5-8 July 2021 - Virtually

Last update: 04-Jun-21

Poster Contributions 57

Title	First Author Name	Institution	Abstract Title
-------	-------------------	-------------	----------------

Session 1: Heliophysics and the Solar System 21

Dr.	Anastasiadis Anastasios	National Observatory of Athens/IAASARS	The SAWS-ASPECS Solar Energetic Particle (SEP) Advanced Warning System
Ms.	Angelopoulou Pinelopi	University of Athens	Search for high energy escaping electrons from Jupiter's and Saturn's magnetospheres: Cassini/MIMI
Mr.	Athanasίου Stathis	University of Athens	Study of the inclination of transition region loops observed with IRIS
Mr.	Athanasopoulos Dimitrios	University of Athens	Rotational state of the most ancient asteroids as an observational constraint for asteroid family membership
Ms.	Boutsi Adamantia-Zoe	IAASARS/NOA	Investigation of the GIC development in Mediterranean countries during the strongest magnetic storms of solar
Dr.	Georgiou Marina	University of Athens	On the origin of magnetospheric Ultra-Low Frequency (ULF) waves in sudden and gradual variations of solar
Dr.	Gkouvelis Leonardos	NASA / Ames Research Center	Mars upper atmosphere with the NASA Ames General Circulation Model.
Dr.	Gontikakis Costis	Academy of Athens, RCAAM	Studying the temporal evolution of a solar flare observed with IRIS in the UV
Dr.	Hillaris Alexander	University of Athens	The ARTEMIS Jean Louis Steinberg (ARTEMIS-IV) Multichannel Radiospectrograph On Line Database for Free
Mr.	Kapetanakis Konstantinos	University of Athens	Complex Solar Events Observed with the ARTEMIS-IV/JLS Radio-Spectrograph in the 14 - 20 January 2005 Period
Dr.	Karamelas Konstantinos	Northumbria University	Oscillatory reconnection of a 2D magnetic X-point for systems with different base temperatures.
Ms.	Kotsiourou Varvara	University of Athens	Dependence of the evolution of auroral displays on geomagnetic activity
Ms.	Moutsiana Georgia	University of Athens	The role of ionospheric oxygen ions in ring current dynamics
Ms.	Nasi Afroditi	University of Athens	Association of relativistic electron enhancements with VLF/ULF wave activity and seed electrons
Ms.	Nikou Eleni	George Mason University	Semi-automatic CME fitting tool and uncertainty analysis of its geometric parameters based on the GCS model.
Dr.	Paouris Evangelos	National Observatory of Athens/IAASARS	Forecasting the Time-of-Arrival and the magnetic field of the Interplanetary Coronal Mass Ejections at 1 AU
Dr.	Papaioannou Athanasios	National Observatory of Athens/IAASARS	Forbush Decreases driven by Interplanetary Coronal Mass Ejections
Mr.	Pastras Stavros	University of Athens	A study on the scattering of ultraviolet radiation in a solar active region.
Prof.	Patsourakos Spiros	University of Ioannina	Using synthetic PSP/WISRP J-maps to infer the variable nature of the slow solar wind
Mr.	Stamkos Sotiris	University of Ioannina	Magnetic Erosion and kinematics of Coronal Mass Ejections
Mr.	Thimianos Aristotelis	University of Athens	Correlation of seed & source electron flux with magnetic substorm activity.

15th Conference of HelAS

5-8 July 2021 - Virtually

Last update: 04-Jun-21

Poster Contributions 57

Title	First Author Name	Institution	Abstract Title
Session 2: Extragalactic Astronomy and Astrophysics			19
Dr.	Ali Sadman	Subaru Telescope	Evolution of the UV upturn: Helium enhanced stellar populations in early-type galaxies
Dr.	Casadio Carolina	Institute of Astrophysics - FORTH	The jet collimation profile at high resolution in BL Lacertae
Ms.	Gkini Anamaria	Univ. of Athens & National Observatory of Athens	Host galaxy and orientation differences between different AGN types
Ms.	Katsioli Stavroula	IAASARS/NOA & University of Athens	Exploring the millimetre emission in nearby galaxies
Dr.	Kouroumpatzakis Konstantinos	Institute of Astrophysics - FORTH	The effect of extinction, stellar mass, metallicity, and AGN activity on star-formation rates based on H _α emission
Mr.	Mandarakas Nikolaos	Univ. of Crete & IA-FORTH	Search for AGN counterparts of unidentified Fermi-LAT sources with optical polarimetry. Demonstration of the technique
Dr.	Maragkoudakis Alexandros	NASA Ames Research Center	Linking characteristics of the Polycyclic Aromatic Hydrocarbon population with galaxy properties: A quantitative approach using the NASA Ames PAH IR Spectroscopic Database
Mr.	Nersesian Angelos	Ghent University	Modelling the cold dust in nearby spirals galaxies with radiative transfer
Mr.	Paraschos Georgios Filippou	Max Planck Institute for Radioastronomy	Where is the black hole in 3C84 located?
Mr.	Politakis Charalampos	Univ. of Crete & IA-FORTH	Vertical distribution of HMXBs in NGC 55: Constraining their centre of mass velocity
Mr.	Polkas Markos	University of Athens	Bayesian Multi-wavelength Spectral Energy Distribution fitting with Monte Carlo Markov Chains
Dr.	Pouliasis Ektoras	IAASARS, National Observatory of Athens	An updated catalogue of high-redshift (z>3.5) X-ray AGN in the XMM-XXL northern field: Constrains in the bright end of the logN-logS
Dr.	Sanchez Sanchez Sebastian	Institute of Astronomy, UNAM	[α /Fe] traced by H II regions from the CALIFA survey: The connection between morphology and chemical abundance patterns
Dr.	Francisco	Institute of Astronomy, UNAM	FRBSTATS: A web-based platform for visualization of fast radio burst properties
Dr.	Spanakis-Misirlis Apostolos	University of Piraeus	Identification of Star Clusters in the central region of the SMC
Dr.	Strantzalis Achilles	University of Athens	Exploring the impact of the Star Formation in the Mass-Metallicity relation at global scales
Mr.	Alvarez-Hurtado Paola	Institute of Astronomy, UNAM	Characterizing the ISM of the most obscured quasar and its host
Mr.	Fernandez Aranda Roman	Univ. of Crete & IA-FORTH	Metallicity and X-ray luminosity variations in NGC 922
Dr.	Kouroumpatzakis Konstantinos	Institute of Astrophysics - FORTH	pyHIIExplorerV2: a tool for detecting and extracting physical properties from HII regions.
Ms.	Lugo Aranda Alejandra Zaavik	Institute of Astronomy, UNAM	
Session 3: Cosmology and Relativistic Astrophysics			4

Ms	Choraiti Sideri Eleanna	University of Patras	Numerical simulations of relativistic hydrodynamical and MHD jets: transition from jet break-out to self-similarity
Ms	Karavola Despina	University of Athens	Radiative signatures of adiabatically compressing plasmoids in relativistic reconnection
Mr	Loules Argyrios	University of Athens	On the Effects of Resistivity in Relativistic Magnetized Flows
Dr	Mulki Fargiza A. M.	Bandung Institute of Technology	Non-canonical Domain Wall as a Unified Model of Dark Energy and Dark Matter: I. Background Dynamics

15th Conference of HelAS

5-8 July 2021 - Virtually

Last update: 04-Jun-21

Poster Contributions 57

Title	First Author Name	Institution	Abstract Title
-------	-------------------	-------------	----------------

Session 4: Stars, Planets and the Interstellar Medium 13

Dr.	Anastasopoulou Konstantina	INAF Osservatorio astronomico di Brera	X-ray spectral energy distributions and bolometric corrections of black hole and neutron star X-ray binaries
Mr.	Chouliaras Georgios	University of St Andrews	Application of an Upwind Integration Method to Plane Parallel Hall-MHD
Ms.	Christodoulou Evangelia	University of Athens	White dwarfs in galactic open clusters $\beta\epsilon$ a test bed for mass loss in low mass stars
Prof.	Contadakis Michael	University of Thessaloniki	Starquakes on the red dwarf UV Ceti
Prof.	Hatzidimitriou Despina	National and Kapodistrian University of Athens	Testing model predictions for the occurrence of carbon stars, as a function of age and metallicity, using Gaia
Ms.	Koukouli Ismini	NTUA/SAMP & NOA/IAASARS	Optical investigation of the Supernova Remnants IC 443 and G 65.3+5.7
Ms.	Koutsoumpou Evgenia	University of Athens	Modelling the gamma-ray periodic emission related to SS 433
Dr.	Maravelias Grigoris	IAASARS-NOA & IA-FORTH	Bouncing against the Yellow Void - the case of rho Cas
Mr.	Nikopoulos Giorgos Panagiotis	NTUA & National Observatory of Athens	Title: Deciphering the large cometary structure around the Planetary Nebula A66 6
Mr.	Ntotsikas Dimitrios	University of Patras	Force-free axisymmetric twisted magnetar magnetospheres
Mr.	Poultourtzidis Efthymios	University of Thessaloniki	A large scale survey for exoplanets with TTVs
Dr.	Smponias Theodoros	Mazarakis High School	High energy particle emission from twin relativistic jets
Ms.	Tsichli Savina	University of Patras	Ages of Supernova Remnants and the Associated Pulsars