

# Hellenic Astronomical Society 1993-2023

16<sup>th</sup> Hellenic Astronomical Conference 26-28 June 2023, Athens

#### **FOREWORD**

Held regularly since 1993, the "Hellenic Astronomical Conference", organized by the Hellenic Astronomical Society (Hel.A.S.), is the major scientific event of the Greek astronomical community. The Conference, which takes place every two years in a different part of Greece, typically brings together over 100 scientists with research interests in Astronomy, Astrophysics, and Space Physics.

The 16<sup>th</sup> Conference of Hel.A.S. is taking place in Athens, between June 26 and 28, 2023 with a total of 170 participants having contributed 4 Plenary and 11 Invited talks, as well as 93 talks and 46 posters. The titles and abstracts of all contributions as available at: <a href="https://helas.gr/conf/2023/abstracts-view.php">https://helas.gr/conf/2023/abstracts-view.php</a>

#### PLENARY SPEAKERS

N. Forster-Schreiber, MPE, Germany – S2 M. Kramer, MPIfR, Germany – S3 J. Laskar, Obs. de Paris, France – S4 Y. Zouganelis, ESA, Spain – S1

#### PUBLIC OUTREACH TALK

V. Pavlidou, Univ. of Crete & FORTH, Greece

"E. HARLAFTIS" BEST PHD THESIS 2023

R. Skalidis, Caltech, USA

#### INVITED SESSION SPEAKERS

D. Antonopoulou, Univ. of Manchester, UK
A. Belehaki, National Obs. of Athens, Greece
A. Fragkos, Univ. of Geneva, Switzerland
I. Georgantopoulos, National Obs. of Athens, Greece
M. K. Georgoulis, Academy of Athens, Greece
T. Karalidi, Univ. of Central Florida, USA
A. Nindos, Univ. of Ioannina, Greece
B. Reville, MPIK, Germany
G. Rodighiero, Univ. of Padova, Italy
A. Tritsis, EPFL, Switzerland
K. Tsinganos, Univ. of Athens, Greece

#### SCIENTIFIC ORGANIZING COMMITTEE

- J. Antoniadis, IA-FORTH, Greece
- V. Archontis, University of Ioannina, Greece
- G. Balasis, National Observatory of Athens, Greece
- V. Charmandaris, University of Crete & FORTH, Greece (Chair)
- K. Gourgouliatos, University of Patras, Greece
- E. Koulouridis, National Observatory of Athens, Greece
- L. Moustakas, JPL, USA
- G. Panopoulou, Chalmers University, Sweden
- A. Papaioannou, National Observatory of Athens, Greece
- M. Petropoulou, National & Kapodistrian University of Athens, Greece
- **D. Rigopoulou,** University of Oxford, UK
- K. Tassis, University of Crete & FORTH, Greece

#### LOCAL ORGANIZING COMMITTEE

**Chair: M. Petropoulou,** National & Kapodistrian University of Athens (NKUA), Greece **Members:** D. Hatzidimitriou (NKUA), E. Koulouridis (NOA), S. Dimitrakoudis (U. Alberta/NKUA), A. Nathanail (Academy of Athens), G. Vasilopoulos (NKUA)



Monday June 26, 2023			
Start End Speaker/Title			
8:15	9:00	Conference Registration	
		Welcome	
9:10	9:15	V. Charmandaris, President of HelAS	
		J.H. Seiradakis Plenary Lecture	
9:15	10:00	Michael Kramer: ""Radio pulsars as probes of fundamental physics - and	
		more"."	
12:10	12:45	Honoring the Former Presidents of HelAS (East Hall Academy of Athens)	
		"Emilios Harlaftis" - Best PhD thesis Prize (East Hall Academy of Athens)	
12:45	13:30	Rafael Skalidis: "Estimating of the magnetic field strength in the interstellar	
		medium"	
		Public Outreach Talk (in Greek), Stavros Niarchos Foundation Cultural	
20:00	21:00	Center, Hall "The Lighthouse - Φάρος",	
24.00	22.22	Vasiliki Pavlidou: «Το Σύμπαν είναι κατανοητό»	
21:00	23:30	Stargazing Event - Stavros Niarchos Foundation Cultural Center	
		Caralina D. Dania D	
61 : IZ	<u> </u>	Session 2 - Room B	
Chair: K	. Dasyra -	Topic: Large Surveys - Cosmology	
10:00	10:15	G. Leloudas: "Searching for the electromagnetic counterparts of gravitational waves"	
		G. Vernardos: "Gravitational lensing in the era of big surveys: current status and	
10:15	10:30	challenges"	
40.00	40.4	K. Kolokythas: "En route to the SKA era: MeerKAT's sharp new view on galaxy	
10:30	10:45	clusters"	
10:45	11:00	A. Zezas: "The STAR-X mission: the next frontier in wide-area and monitoring	
10:45	11:00	surveys"	
11:00	11:15	K. Migkas: "Cross-calibration of eROSITA cluster temperatures with other X-ray	
		telescopes"	
11:30	12:00	Coffee Break	
		dis - Topic: Star formation	
15:00	15:15	A. Katsianis: "The star formation of galaxies for the last 13 billion years"	
15:15	15:30	E. Kyritsis: "The first unbiased survey of star-forming galaxies with eROSITA:	
		Scaling relations and a population of X-ray luminous starbursts"	
15:30	15:45	K. Dasyra: "Linking molecular clouds in outflows to star formation"	
15:45	16:00	K. Kouroumpatzakis: "Infrared star-formation rate and stellar mass calibrations	
		and their dependence on stellar population age and extinction"	
16:00	16:15	ED. Paspaliaris: "Star-forming early-type galaxies and quiescent late-type	
		galaxies in the local Universe"	
16:15	16:30	A. Maragkoudakis: "Spectral variations among different scenarios of PAH	
16:30	17:00	processing or formation"  Coffee Break	
17:00	17:15	opic: Radio - Jets  N. Gizani: "On the Hellenic radio telescope THERMOpYlae"	
17:00	17:13	E. Meyer: "The Unsolved Problem of Jets from Black Holes"	
17:15	17:30	L. Meyer. The Unsurveu Frobletti Ut jets HUIII DIACK TUIES	
17:30	18:00	C. Sinnis: "Numerical investigation of instabilities in relativistic magnetized jets"	
18:00	18:15	M. Kourakou: "Stellar mass function of ARC radiogalaxies"	
10.00	10.13	11. Noutanou. Stellar mass function of ANC ratiogalaxies	



Session 3				
Chair: G. Vasilopoulos - Topic: Neutron Stars: Interior and Magnetospheres				
10:00	10:20	D. Antonopoulou: "Large-scale superfluidity in neutron stars" (Invited)		
10:20	10:35	I. Contopoulos: "Novel Features of the Pulsar Magnetosphere"		
10:35	10:50	P. Stefanou: "Modelling Force-Free Magnetospheres of Isolated Neutron Stars"		
10:50	11:05	D. Skiathas: "Simulations of magnetic field evolution in crusts and cores of neutron stars. The impact of ambipolar diffusion"		
11:05	11:20	S. Lander: "Breaking a neutron star's crust"		
11:20	11:35	P. Pnigouras: "Dynamical tides in neutron star binaries: glimpsing the dense nuclear matter equation of state"		
11:35	12:00	Coffee Break		
Chair: K.		latos - Topic: Accreting Compact Objects, Jets		
15:00	15:15	N. Vlahakis: "The Kelvin-Helmholtz instability in Relativistic Jets"		
15:15	15:30	I. Liodakis: "Relativistic jets in the discovery era of X-ray polarimetry"		
15:30	15:45	A. Loules: "Unveiling the Effects of Electromagnetic Dissipation on Relativistic Jets"		
15:45	16:00	V. Mpisketzis: "Impact of inhomogeneous ejecta in jet dynamics and afterglow emission in binary neutron star mergers"		
16:00	16:15	E. Antonopoulou: "Tackling the SgrA* orbital motion riddle with a new General-Relativistic Ray Tracing code"		
16:15	16:30	I. Dimitropoulos: "Sgr A* flares, an electromagnetic signal and more"		
16:30	17:00	Coffee Break		
Chair: M	. Petropo	ulou - Topic: Accreting Compact Objects, SNRs		
17:00	17:15	N. Kylafis: "A quantitative explanation of the radio X-ray correlation in black-hole X-ray binaries"		
17:15	17:30	A. Mastichiadis: "A study of natural frequencies in a dynamic corona – disk system"		
17:30	17:45	D. Kantzas: "The contribution of X-ray binaries in the cosmic ray and neutrino spectra"		
17:45	18:00	G. Vasilopoulos: "From BeXRBs to ULXPs: connecting the "dots""		
18:00	18:15	K. Gourgouliatos: "Pulsar - Supernova Remnant Associations: Implications for magnetic field evolution and pulsar initial periods"		
18:15	18:30	V. Agalianou: "The rocket effect mechanism in neutron stars in supernova"		



Tuesday June 27, 2023			
Start	End	Speaker/Title	
11:05	11:50	Plenary Lecture Jacques Laskar: "Chaos in the Solar System. Historical perspective and new results."	
15:30	16:15	Plenary Lecture Natascha M. Forster Schreiber: "Star-forming Galaxies at Cosmic Noon and Beyond"	
17:00	18:30	42 <sup>nd</sup> General Assembly of Hel.A.S.	
20:00		Conference Dinner at the Gardens of the National Observatory of Athens	
		Session 1	
Chair:	A. Papa	ioannou - Topic: Space Weather Effects	
9:00	9:20	M.K. Georgoulis: "Fundamental Understanding and Forecasting of Solar Energetic Events" (Invited)	
9:20	9:35	A. Anastasiadis: "Are we ready for the next giant leap?"	
9:35	9:50	E. Paouris: "CME forecasting from the L5 Lagrangian point utilizing STEREO-A heliospheric imagers"	
9:50	10:05	A. Kouloumvakos: "Energetic Particle Measurements from the Suprathermal Ion Spectrograph (SIS) during the First 3 Years of SolO mission"	
10:05	10:20	O. E. Malandraki: "Forecasting and analysis of solar particle radiation storms: A state-of-the-art solution provided by the HESPERIA SEP Real-Time Forecasting products"	
10:20	10:35	S. Missios: "Solar cycle influences on the atmosphere and climate"	
10:35	11:05	Coffee Break	
Chair:	A. Anas	tasiadis - Topic: Interplanetary Space	
11:50	12:10	K. Tsinganos: "Latest developments in understanding our Sun via recent space probes, in conjunction with the pioneering discoveries of the founder of Solar & Space Physics Eugene Parker" (Invited)	
12:10	12:25	L. Vlahos: "Transport of particles in a fractal environment of coherent structures"	
12:25	12:40	I.A. Daglis: "Predicting the dynamics of outer Van Allen belt relativistic electrons"	
12:40	12:55	S. Aminalragia-Giamini: "Characterization of the Sun-Earth L2 radiation environment using ESA Standard Radiation Environment Monitor (SREM) measurements: Solar Energetic Particle events and Galactic Cosmic Rays"	
		A. Nasi: "Investigating the acceleration efficiency of VLF/ULF waves on different	
12:55	13:10	populations of outer radiation belt electrons, through multi-point observations and modeling"	
13:10	13:25	N. Georgakakos: "An explanation for the number asymmetry between the L4 and L5 Jupiter Trojans"	
13:25	13:40	A. Liakos: "NELIOTA: Results from the 6.5 yr monitoring campaign for lunar impact flashes"	
		Session 4	
Chair:	K. Tass	is - Topic: Star Formation	
9:00	9:35	A. Tritsis: "Can we observe the ion-neutral drift velocity in molecular clouds?" (invited)	
9:35	9:50	A. Tsouros: "3D Galactic Magnetic Field Reconstruction Using Local Measurements"	
9:50	10:05	G. Pantolmos: "The stable and unstable accretion regimes: Implications for the stellar rotation"	
10:05	10:20	S. Savvidou: "A giant solution to the disc mass budget problem of planet formation"	
10:20	10:35	T. Pavlidou: "Linking the Class 0 and Hot Corino populations of the Perseus Molecular Cloud Complex"	
10:35	11:05	Coffee Break	



Tuesday June 27, 2023			
Start	End	Speaker/Title	
Chair: G. Panopoulou - Topic: ISM & Stars			
11:50	12:05	I. Psaradaki: "Mineralogy of interstellar dust in the X-ray regime"	
12:05	12:20	S. Akras: "Do we really comprehend Planetary Nebulae?"	
12:20	12:35	S. Derlopa: "Planetary Nebula NGC 2818: 3D morphology and new detected structures"	
12:35	12:50	K. Anastasopoulou: "The EWOCS view of the unique population of Wolf-Rayet stars in Westerlund 1"	
12:50	13:05	G. Dimitriadis: "The mass puzzle of Super-Chandrasekhar SNe Ia"	
13:05	13:20	S. Chanlaridis: "Thermonuclear and Electron-Capture Supernovae from Stripped- Envelope Stars"	



Wadnasday Ivna 20, 2022			
<b>G</b> : .	Wednesday June 28, 2023		
Start	End	Speaker/Title	
11:05	11:50	Plenary Lecture Y. Zouganelis: "Unlocking the Secrets of the Sun: Early Discoveries and Future Prospects of the Solar Orbiter Mission"	
19:00	20:30	Public Outreach Talk (in French with Greek translation) - Eugenides Foundation Jacques Laskar: "A la recherche d'un scénario cohérent pour l'évolution du système Terre-Lune"	
		Session 1	
Chair: V	Archont	tis - Topic: The Sun	
9:00	9:20	A. Nindos: "Recent advances in our understanding of the solar chromosphere" (Invited)	
9:20	9:35	I. Kontogiannis: "The evolution of net electric currents in solar active regions hosting delta-spots"	
9:35	9:50	K. Moraitis: "Understanding a flux emergence simulation through magnetic helicity"	
9:50	10:05	E. Zhuleku: "3D MHD magnetic flux emergence simulations of toroidal flux tubes in the Sun"	
10:05	10:20	G. Chouliaras: "Magnetic flux emergence: Effects of partial ionisation"	
10:20	10:35	I. Dakanalis: "Detection and line profile analysis of swirling structures on the solar atmosphere from multiwavelength observations"	
10:35	11:00	Coffee Break	
Chair: G	. Balasis		
11:50	12:10	A. Belehaki: "European Research Infrastructures to support ionospheric monitoring and modeling capabilities" (Invited)	
12:10	12:25	S. Dimitrakoudis: "Long-term Trends and Occurrence Distributions of Geomagnetic Fluctuations as Revealed by 37 Years of CARISMA Observations at 5s Cadence"	
12:25	12:40	Z. Boutsi: "Investigation of the Geomagnetically Induced Current Index Levels in the Mediterranean Region During the Strongest Magnetic Storms of Solar Cycle 24"	
12:40	12:55	C. Katsavrias: "Properties of periodic density structures (PDSs) from L1 to 1 AU and related magnetospheric response"	
12:55	13:10	C. Papadimitriou: "Information-theoretic measures for electron acceleration in the outer radiation belt"	
13:10	13:25	V. Kotsiourou: "Effect of magnetospheric substorms on the enhancement of the ring current according to observations from the Van Allen Probes mission"	
13:25	13:40	K. Moutsouroufi: "A Magnetospheric Stress Index: Construction and application to Saturn magnetosphere using long-term Cassini measurements"	
13:40	15:00	Lunch Break	
		Session 2	
		Topic: Supermassive Black Holes and Active Galactic Nuclei	
15:00	15:20	I. Georgantopoulos: "X-ray Active Galactic Nuclei at high redshift" (Invited)	
15:20	15:35	P. Charalampopoulos: "Modeling the polarized light of Tidal Disruption Events"	
15:35	15:50	C. Panagiotou: "Reproducing the UV/optical variability of AGN"	
15:50	16:05	M. Chira: "Forward-modeling the cosmic accretion history"	
16:05	16:20	G. Dimopoulos: "Exploring the circumnuclear environment of SMBHs using ray-tracing simulations in the X-ray band"	
16:20	16:35	E. Drigga: "Properties and Evolution of Active Galactic Nuclei in Galaxy Clusters"	
16:35	17:15	Coffee Break	



Wednesday June 28, 2023					
Start	Start End Speaker/Title				
Chair: I. Georgantopoulos - Topic: Galaxy formation and evolution					
	17:15   17:35   G. Rodighiero: "Constraints on early galaxy formation from the JWST" (Invited)				
17:35	17:50	M. Harsoula: "Different mechanisms supporting rings and spiral arms in galaxies"			
17:50	18:05	P. Patsis: "The gas inflow in the central kiloparsec of galactic bars"			
18:05	18:20	N. Mandarakas: "Optical Polarimetry of nearby galaxies"			
18:20	18:35	C. Daoutis: "A versatile classification tool for galactic activity using optical and infrared colors"			
		Session 3			
Chair: N	l. Vlahaki	s - Topic: High Energy Particles, Acceleration and Radiation			
15:00	15:20	B. Reville: "Relativistic astrophysical jets "(invited)			
15:20	15:35	S. Boula: "Generalized Hybrid Kinetic Simulations of Particle Acceleration at Merger Shocks in Galaxy Clusters"			
15:35	15:50	F. Oikonomou: "The Curious Maximum Rigidity Distribution of Ultra-high Energy Cosmic Ray Accelerators"			
15:50	16:05	D. Giannios: "Particle Acceleration in Blazar jets"			
16:05	16:20	M. Petropoulou: "Multi-messenger signatures of magnetically dominated baryon-loaded blazar jets"			
16:20	16:35	S. Stathopoulos: "LeHaMoC: a novel radiation code for high-energy astrophysics"			
16:35	16:50	D. Karavola: "Gamma-rays from Synchrotron radiation of Bethe-Heitler pairs in Active Galactic Nuclei"			
16:50	17:15	Coffee Break			
		s - Topic: Cosmology			
17:15	17:30	D. Papadopoulos: "Probing exotic fluids with gravitational lensing"			
17:30	17:45	F. Pötzl: "Results from the SMILE pilot study to distinguish milli-lens systems"			
17:45	18:00	T. Papanikolaou: "Primordial magnetic fields from primordial black hole disks"			
18:00	18:15	J. Antoniadis: "Updates on the search for low-frequency gravitational waves with pulsar timing arrays"			
		Session 4			
	1	dis - Topic: Stellar death			
9:00	9:35	A. Fragkos: "Unravelling the astrophysical origin of gravitational-wave sources." (Invited)			
9:35	9:50	A. Bonanos: "Results of the ASSESS project: Episodic Mass Loss in Evolved Massive Stars: Key to Understanding the Explosive Early Universe"			
9:50	10:05	M. Zapartas: "Investigating the effect of mass loss of Red Supergiants in the Small Magellanic Cloud"			
10:05	10:20	G. Maravelias: "Investigating the populations of dusty evolved stars in various metallicities with machine learning"			
10:20	10:35	M. Kopsacheili: "Study of Supernova Remnants using IFU data"			
10:35	10:35 11:00 Coffee Break				
Chair: A. Fragkos - Topic: (Exo)Planets					
11:50	12:25	Th. Karalidi: "Seeing the giants in 2D and 3D" (Invited)			
12:25	12:40	P. Kalas: "New HST detections of complex outer structure for the dusty debris disks surrounding seven young planetary systems using STIS coronagraphy"			
12:40	12:55	A. Tsiaras: "Towards population studies of exoplanets in the era of JWST and Ariel"			
12:55	13:10	M. Gega: "Detection of potential maar craters on planet Mars using HRSC/MEx data"			
13:10	13:25	EP. Christopoulou: "Discovery of star systems at the merger limit by large astronomical sky surveys."			



Final Program – 20 June 2023

Wednesday June 28, 2023			
Start	Start End Speaker/Title		
13:25	13:40	D. Athanasopoulos: "Ancient Asteroids: An observing campaign reveals the spin states of asteroids that belong to the most ancient collisional families of our Solar System"	
13:40	15:00	Lunch Break	

#### POSTER CONTRUIBUTIONS - "Poster size A0"

Session 1 "Heliophysics and the Solar System" [13]			
Author	Title		
A. Antonopoulou	Convolutional Neural Networks for Automated ULF Wave Classification in Swarm Time Series		
G. Balasis	Investigation of Dynamical Complexity in Swarm-Derived Geomagnetic Activity Indices Using Information Theory		
O. Belli	Study of the Ring Current Response to ICMEs and CIRs		
A. Dimitrakoula	Impact of Interplanetary Coronal Mass Ejections on the dynamic variations of the electron population in the outer Van Allen belt		
O. Giannakis	TACTICIAN: AI-based applications for knowledge extraction from ESA's missions' scientific publications		
C. Gontikakis	Study of the evolution of hot plasma emission prior to flares and CMEs		
E. Lavasa	Investigation of the physical properties of SEP events observed by Solar Orbiter, using the focused transport equation.		
G. Moutsiana	A statistical study of the features of ion acceleration events in the Jovian magnetotail using Juno/JEDI data		
A. Papadopoulos	Space radiation quality factor for Galactic Cosmic Rays and typical space mission scenarios using a microdosimetric approach		
A. Papaioannou	Predicting the Impact of Solar Energetic Particles - the ADVISOR Research Project		
N. Sioulas	N. Sioulas Magnetic field spectral evolution in the inner heliosphere		
K. Thanasoula	The dependence of radial diffusion coefficients on solar/interplanetary drivers		
A. Triantopoulou Impact of high-speed solar wind streams on the dynamic variations of the electron population in the outer Van Allen belt			

Session 2 ""Extragalactic Astronomy and Astrophysics" - [9]		
Author	Title	
C. Daoutis	A holistic approach in optical galactic activity diagnostics	
M. Georganopoulos	The first hard X-ray spectrum of a kpc-scale jet with NuSTAR	
J. Kallimanis	The Influence of Shocks on the Jet-impacted Gas Emission of IC5063	
A. Karagiannis	The era of Big Data astronomy/astrophysics has begun, and the combination of photometric data from different surveys provide a unique	
O. Kefallinou	Models of non-thermal gamma radiation of blazars	
E. Koutsoumpou Investigating the Impact of Black Hole Jets on the Interstellar Medium of		
E. Kyritsis	The Heraklion Extragalactic Catalogue (HECATE v2.0): A value-added catalogue and its applications	
C. Panagiotou	A luminous dust-obscured Tidal Disruption Event candidate in a star forming galaxy at 42 Mpc	
C. Politakis X-Ray Binary Luminosity Functions for Nearby Galaxies		



Session 3 "Cosmology and Relativistic Astrophysics" - [10]		
Author	Title	
Y. Anastasiadis	Analytical GRMHD Jet Models	
E. Kolonia	Observational constraints on non linear matter extensions of general relativity: separable trace power models	
E. Koutsantoniou	Algorithms & radiation dynamics near black holes	
C. Mahe	A synchrotron cooling model for the NIR/X-ray flares of Sgr A*	
N. Mandarakas	Optical afterglow polarization of GRB210619B	
K. Migkas	Probing cosmic isotropy with new X-ray clusters & the first eROSITA cluster catalog	
D. Ntotsikas	Twisted Pulsar Magnetospheres and their Current Sheets	
M. Petropoulou  The High Energy X-ray Probe (HEX-P): the most powerful jets through the lens of a superb X-ray eye		
G. Vasilopoulos Application of neural networks to spectral fitting of extragalactic jet emission		
A. Vitsos Dynamical friction due to fuzzy dark matter on non-spherically symmetric satellite		

Session 4 "Stars, Planets and the Interstellar Medium" - [13]		
Author	Title	
K. Antoniadis	The mass-loss rates of Red Supergiants in the Large Magellanic Cloud	
S. Avgousti	Variable massive stars in the Andromeda galaxy using the Gaia Data Release 3	
K. Bouvis	Exploring the Physical Properties of Planetary Nebula NGC 3132 with MUSE, JWST and SPITZER data.	
E. Christodoulou	Near Infrared Spectroscopy of red supergiants in NGC 6822, IC 10 & WLM with EMIR	
M. Contadaki	ki Starquakes on the Flare stars .	
Z. Filiou	Astrochemical and astrobiological applications of Laser Induced Breakdown Spectroscopy (LIBS)	
D. Gakis	Transit Timing Variations in exoplanetary systems through the ExoClock Project	
L. Konstantinou	NGC 3242 and the enigmatic nature of its Low Ionization Structures: A MUSE perspective	
M. Kopsacheili	A systematic analysis of the physical parameters of Galactic SNRs	
G. Maravelias  New B[e] supergiants and candidate Luminous Blue Variables in nearby galaxies from the ASSESS project		
G. Munoz-Sanchez A luminous RSG in the LMC with a bow shock?		
S. Palafouta	Low mass ratio eclipsing binaries as red nova progenitors.	
D. Polycrhoni  Birth and destruction in protoplanetary disks: dust production by planetesimal collisions		



Final Program – 20 June 2023

#### **BLOCK PROGRAM**

MOND	MONDAY 26 JUNE - DAY 1			
08:15	09:00	Registration		
09:10	09:15	Welc	come	
09:15	10:00	"J.H. Seiradakis" Plena	ry Lecture - M. Kramer	
		(NKUA Bld	g - Room A)	
10:00	11:35	Session 2 (NKUA Bldg - Room B)	Session 3 (NKUA Bldg - Room A)	
11:35	12:10	Coffee	Coffee Break	
12:10	12:45	Honoring the Former Presidents of HelAS		
		(East Hall Academy of Athens)		
12:45	13:30	"Emilios Harlaftis" l	"Emilios Harlaftis" Best PhD Prize 2023	
		(East Hall Academy of Athens)		
13:30	15:00	Lunch	Lunch Break	
15:00	16:30	Session 2 (NKUA Bldg - Room B)	Session 3 (NKUA Bldg - Room A)	
16:30	17:00	Coffee Break		
17:00	18:30	Session 2 (NKUA Bldg – Room B)	Session 3 (NKUA Bldg – Room A)	
20:00	21:00	Public Talk - V. Pavlidou @Stavros Niarchos Foundation Cultural Center		
21:30	23:30	Stargazing Event @ Gardens of Stavros Niarchos Foundation Cultural Center		

TUESDAY 27 JUNE - DAY 2				
09:00	10:35	Session 1 (NKUA Bldg - Room A)	Session 4 (NKUA Bldg - Room B)	
10:35	11:05	Coffee Break		
11:05	11:50	Plenary Lecture - J. Laskar		
		(NKUA Bldg - Room A)		
11:50	13:40	Session 1 (NKUA Bldg - Room A)	Session 4 (NKUA Bldg – Room B)	
13:40	15:30	Lunch Break		
15:30	16:30	Plenary Lecture - N. Forster-Schreiber		
		(NKUA Bldg - Room A)		
16:30	17:00	Coffee Break		
17:00	18:30	42 <sup>nd</sup> General Assembly of Hel.A.S.		
		(NKUA Bldg - Room A)		
20:00		Conference Dinner @ National Observatory of Athens		

WEDNESDAY 28 JUNE - DAY 3				
09:00	10:35	Session 1 (NKUA Bldg - Room A)	Session 4 (NKUA Bldg - Room B)	
10:35	11:05	Coffee Break		
11:05	11:50	Plenary Lecture - Y. Zouganelis		
		(NKUA Bldg - Room A)		
11:50	13:40	Session 1 (NKUA Bldg - Room A)	Session 4 (NKUA Bldg – Room B)	
			Ends at 13:25	
13:40	15:00	Lunch Break		
15:00	16:50	Session 2 (NKUA Bldg – Room B)	Session 3 (NKUA Bldg -Room A)	
		Ends at 16:35		
16:50	17:15	Coffee Break		
17:15	18:30	Session 2 (NKUA Bldg – Room B)	Session 3 (NKUA Bldg -Room A)	
		-	Ends at 18:15	
19:00	20:30	Public Talk - J. Laskar @ Eugenides Foundation		