MONDAY	Session	Abstract	First Name	Last Name	Abstract Title / Activity
08:30	Podistration				
08:45	Registration				
09:00	Welcomes				Ellie Sansom (LOC chair), Gretchen Benedix (Curtin Associate Deputy Vice-Chancellor - Research), and Pavel Koten (SOC chair)
09:15					
09:30		49	Pavel	Koten	Meteor clusters: tracing meteoroid fragmentation in near-Earth space
09:45		14	Jiri	Borovicka	Physical properties of kappa Cygnid and eta Virginid meteoroids (talk presented by ??)
10:00		68	Maximilian	Vovk	Physical characteristics of shower meteoroid inferred throught Dynamic Nested Sampling
10:15		64	Thomas	Stevenson	Comparing Mechanical Strengths of Real and Simulated Meteoroids
10:30	Composition	65	Juraj	Toth	AMOS global meteor network - status and results
10:45	and Physical				TEA/COFFEE BREAK
11:00	Properties				TEA/COFFEE BREAK
11:15		52	Nicholas	Moskovitz	Ongoing Investigations with the Lowell Observatory Meteor Camera Network
11:30		55	Veronika	Pazderová	Comparative analysis of meteor spectra observed simultaneously from multiple locations
11:45		67	Tomáš	Vörös	Modelling of faint meteors and bolides using AMOS all-sky data
12:00		74	Ziwen	Li	A novel approach for revealing dynamical disintegration of irregular-shaped meteoroids with particle-sintered model
12:15					LUNCH BREAK
12:30					LUNCH BREAK
12:45					LUNCH BREAK
13:00		1	Simon	Anghel	Machine Learning in Meteor Science: Advances and Applications
13:15					continued (invited talk)
13:30		58	Eleanor	Sansom	Ten years of the digital Desert Fireball Network - from meteorites to space debris
13:45	Future Methods	66	Jeremie	Vaubaillon	Use of event-based camera for meteor science
14:00	and	31	Dale	Giancono	A Real-time All-Sky Fireball Camera Array Prototype for the Desert Fireball Network: Initial Results
14:15					TEA/COFFEE BREAK
14:30	Techniques				TEA/COFFEE BREAK
14:45	-	42	Anna	Kartashova	Investigation of the possibilities of simultaneous meteor observations from Russia and Tajikistan
15:00		48	Svitlana	Kolomiyets	Classical Histogram Analysis of Radar and Optical Meteor Data: Key Points
15:15		11	Simon	Anghel	Enhancing Meteoroid Research Through the NASA Science Explorer (SciX)
15:30					Career session
15:45					Career session
16:00					Career session
16:15					(buses leave for welcome night)

09:00 09:15 09:30	Session	Abstract	First Name		
09:15 09:30		~		Last Name	Abstract Title / Activity
09:30		3	Adriana	Pisarčíková	Advances in Meteor Spectroscopy: Observational and Laboratory Perspectives
				-	continued (invited talk)
			Logan	Dewsnap	Spectroscopic Observations of Tracked mm-sized Meteors
	Meteor Physics		Shinsuke	Abe	Annual variation of sodium in the Geminids' spectra over 6-years
	and Chemistry		Dakota	Cecil	Exploring a New Approach to Simulating Meteors: Going Beyond DSMC
10:15			Maria	Gritsevich	Constraining Meteor Entry Velocity from Radar or Incomplete Optical Observations (talk presented by Ellie Sansom)
10:30			Nagatoshi	Nogami	Proposal of a new long life mechanism of meteor persistent trails
10:45		57	Olga	Popova	Lateral spreading of meteoroids fragments
11:00					TEA/COFFEE BREAK
11:15					TEA/COFFEE BREAK
11:30		29	Hani	Elbehiri	Perth array results and future plan
11:45	Entry acoustics	36	Islam	Hamama	Infrasound Analysis of HTV Missions and Rocket Launches from Tanegashima Space Center, Japan
12:00	Lifting accounts	72	Masa-yuki	Yamamoto	Infrasound observations for 3 SRC reentries as well as multiple configuration experiments with MOMO sounding rockets and STRATOVISION baloons
12:15		21	lona	Clemente	Seismo-acoustic signals of fireballs: Comparing different types of atmospheric entry events.
12:30					LUNCH BREAK
12:45					LUNCH BREAK
13:00					LUNCH BREAK
13:15					LUNCH BREAK
13:30		73	Anna	Zappatini	Droppers in good and bad places: three years of fireball monitoring in Oman
13:45	Mataarita	16	Daniel	Burgin	New Zealand' s first camera-assisted meteorite recovery
14:00	Meteorite	23	Luke	Daly	UKFAll rising – the expansion of the UK Fireball Alliance.
14:15	Recoveries	25	Hadrien	Devillepoix	Real-time Drone-Assisted Meteorite Recovery: Towards Full Operational Capability
14:30					
14:45					TEA/COFFEE BREAK
15:00					TEA/COFFEE BREAK
15:15		17	Margaret	Campbell-Brown	Correcting meteor radar observing biases with simultaneous optical observations
15:30		32	Cole	Gregg	A Case Study of Interstellar Material Delivery: Alpha Centauri
15:45	Influx of	60	Konstantinos		Debiasing Meteoroid Flux Estimates Using the Desert Fireball Network's Clear-Sky Survey
16.00	Interplanetary and Interstellar Material		Petr	Pokorny	Understanding the Antarctic/Greenland dust deposits with meteoroid models
16:15			Anthony	Lagain	Using the lunar impact record to decipher the flux of kilometric asteroids on Earth
16:30		. 2			Discussion: interstellar Meteoroids
16:45					Discussion: interstellar Meteoroids
17:00					
17:00					

DNESDAY	Session	Abstract	First Name	Last Name	Abstract Title / Activity
09:00		4	Eloy	Peña Asensio	The ESA's LUMIO mission: A new window into meteoroid characterization through far side lunar impact flash observations
09:15					continued (invited talk)
09:30	Meteoroids in	50	Jack	Lopes	Effects of meteoroid impacts as illuminators of lunar surface on water-ice stability
09:45	space	51	Mark	Millinger	Mitigating meteoroid impact risk and preparing future instrumentation
10:00					Discussion: Meteoroid impact risks to satellites and/or the meteoroid environment and spacecraft (or similar)
10:15					Discussion: Meteoroid impact risks to satellites and/or the meteoroid environment and spacecraft (or similar)
10:30					Posters with brunch
10:45					Posters with brunch
11:00	Poster Session	(see list			Posters with brunch
11:15	FOSIEL SESSION	below)			Posters with brunch
11:30					Posters with brunch
11:45					Posters with brunch
12:00					
12:15					
12:30					
12:45					
13:00					(excursions)

	Session	Abstract	First Name	Last Name	Abstract Title / Activity
09:00	Planetary Defence: Before impact		Francisco	Ocaña	Planetary Defence Activities at ESA' Is Planetary Defence Office
09:15		69	Richard	Wainscoat	The Pan-STARRS search for Near-Earth Objects
09:30		71	Robert	Weryk	Pan-STARRS and the search for Potentially Hazardous Comets
09:45	belore impact	22	David	Coward	The Southern Hemisphere Asteroid Research Consortium (SHARC)
10:00					TEA/COFFEE BREAK
10:15					TEA/COFFEE BREAK
10:30		30	George	Flynn	Hypervelocity Cratering and Disruption of Hydrous CM Chondrite and CI Simulant
10:45	Planetary	15	Peter	Brown	A Search for Hydroacoustic Signals from Bolides
11:00	Defence: Upon	20	lan	Chow	Dynamical and Physical Properties of Decameter-size Earth Impactors
11:15	impact	62	Elizabeth	Silber	The 20 May 2023 bolide over Australia: Ground-to-space observations
11:30		63	Jeffrey	Smith	Finding Fireballs in Lightning: A Daily Pipeline to Find Bolides in GOES Weather Satellite Data
11:45					Discussion: Imminent Impactors??
12:00					LUNCH BREAK
12:15					LUNCH BREAK
12:30					LUNCH BREAK
12:45					LUNCH BREAK
13:00		2	Patrick	Shober	Missing Pieces: The Atmospheric Filter and the Curious Case of Carbonaceous Chondrites
13:15					continued (invited talk)
13:30	Dynamical	24	Sophie	Deam	A Near-Earth Object Model Calibrated to Earth Impactors
13:45	Evolution	28	Auriane	Egal	Chasing the Dragon: Forecasting the 2025 Draconids
14:00		39	Filip	Hlobik	Dynamical history of ĸ Cygnid and August Draconid meteoroids
14:15		44	Yung	Kipreos	The Origin of the Geminid Meteoroid Stream: Preliminary Results
14:30					TEA/COFFEE BREAK
14:45					TEA/COFFEE BREAK
15:00	Space debris	37	Benjamin	Hartig	Space Debris Re-Entries Over Australia: A Survey of Events, Environmental Risk, and Correlation with Earth Observation Imagery
15:15	Space debris	38	Bella	Hatty	Desert Fireball Network meets space junk: Capturing a Soyuz re-entry over Australia
15:30		35	Maria	Hajdukova	Meteor Showers in Focus: Exposing Duplicates and Reclassification Needs
15:45					IAU F1 business meeting
16:00					IAU F1 business meeting
16:15					IAU F1 business meeting
16:30					IAU F1 business meeting
16:45					IAU F1 business meeting
17:00					IAU F1 business meeting
17:15					
17:30					(buses leave for dinner)

Y	Session	Abstract	First Name	Last Name	Abstract Title / Activity
09:00			Peter	Jenniskens	On the origin of our meteorites in the asteroid belt
09:15	Meteoroid	61	Patrick	Shober	Searching for tidal disruption signatures amongst NEAs and impact data
09:30	Sources	34	Meryem	Guennoun	Decadal Analysis of FRIPON Meteoroid Orbits and Their Association with Known Near-Earth Asteroids (talk presented by Jeremie Vaubaillon)
09:45	5	27	Tam	Do	Which meteoroids are from asteroids and which are from comets?
10:00)				TEA/COFFEE BREAK
10:15	5				TEA/COFFEE BREAK
10:30		70	Junichi	Watanebe	Meteor showers as a tool to investigate evolutionary history of the parent comets
10:45	Meteoroid	13	Aishabibi	Ashimbekova	Reassessing 1200 meteor showers and their links to the near-Earth environment
11:00	Sources	43	Toshihiro	Kasuga	Comet 289P/Blanpain and the Phoenicids: Disruptive Past Revealed
11:15	(showers)	59	Mikiya	Sato	Observation of the Outburst of the Tau-Herculid Meteor Shower in 2022
11:30		47	Gulchehra	Kokhirova	Investigation of the δ-Cancrid Asteroid-Meteoroid Complex
11:45	5				Discussion: Outstanding questions in linking meteoroids and their parent bodies
12:00)				Discussion: Outstanding questions in linking meteoroids and their parent bodies
12:15	5				CLOSING
12:30)				LUNCH BREAK
12:45	5				LUNCH BREAK

_	46	Gulchehra	Kokhirova	First results of meteor observations in Tajikistan within the Global Meteor Network project
	41	Peter	Jenniskens	Late formation of the Oort Cloud based on CAMS meteor observations
_	45	Gulchehra	Kokhirova	Analysis of pre-perihelion non-stationary activity of comet 12P/Pons-□Brooks in 2023
	19	Hasnaa	Chennaoui Aoudjehane	MOFID : The Moroccan Meteor Detection Network
	100	Guliyev	Ayyub	ANOMALOUS COMET TAILS, IMPACT FROM METEOROIDS AND SOLAR ACTIVITY
	101	Jiri	Borovicka	Atmospheric behavior and internal structure of large meteoroids
	102	Ariane	Courtot	Impact risk from a heliocentric dust ring on Venus orbit
	103	Sophie E.	Deam	Solar System lottery: what were the chances?
	104	Vladimir	Efremov	Estimating of the meteor parameters under various effects
	105	George	Flynn	Aqueous Processing on Asteroid Ryugu
Posters	106	Michael	Frazer	Extracting Surface Temperature From Spectral Data at Martian Impact Craters
(Wednesday	107	Bella	Hatty	Dynamic Trajectory Fit for Space Debris Re-Entry: Insights from the Crew 5 Dragon Event
	108	Sergey	KALABANOV	Meteor Orbit Characteristics Based on 2022–2023 Observations from Meteor Radar at KFU
morning)	109	Gulchehra	Kokhirova	Analysis of pre-perihelion non-stationary activity of comet 12P/Pons-Brooks in 2023
	110	Gulchehra	Kokhirova	Dust productivity of comet C/2021 S3 (PANSTARRS) in 2024
	111	Iryna	Kyrychenko	Software calculation and visualization of secondary processing of meteor velocities and other parameters
	112	Nicholas	Moskovitz	Meteorite Parent Bodies in the Near-Earth Object Population
	113	Evgeniya V.	Petrova	Fusion crust: from the initial meteoroid matter to the observation spectrum
	114	Derek	Poulton	Global Meteor Network - Australia
	115	Jun Christian	Saniel	A New Fireball Detection Pipeline via Machine Learning and Supercomputing
	116	Maximilian	Vovk	WMPGang SkyShield: An Interactive Web App for Near-Earth Object and Meteoroid Risk Visualization
	117	Miro	Ronac Giannone	The relationship between bolide flight parameters and infrasound detection rates
	118	Elizabeth A.	Silber	Computational framework for classifying bolide fragmentation dynamics
	119	Elizabeth A.	Silber	Entry geometry effects on infrasound detection of meteoroids and space debris