Start	Duration	Finish	Room 1 (THEATERZAAL)				Chair	Room 2 (ZAGERIJ)				Chair	Room 3 (EXPO 1)				Chair
08:15	01:00	09:15	**Registration**														
09:30	00:10	09:40	**Welcome by Gunter Just (ESA) @ THEATERZAAL**														
			Session 1 - Programmatics @ THEATERZAAL														
09:45	00:25	10:10	**Space Robotics at ESA 2023 - Gianfranco Visentin (ESA)**														Gianfranco Visentin
10:10	00:25	10:35	**European Robotic Arms for ISS (ERA) and Mars (STA) - Philippe Schoonejans (ESA)**														
10:35	00:25	11:00	**ADRIOS/ClearSpace-1 status report - Sarmad Aziz (ESA)**														
11:00	00:25	11:25	**DLR Robotics - Thomas Wolf (DLR)**														
11:25	00:20	11:45	**Coffee Break @ FOYER**														
			Session 2a - Planetary Robotics 1				Gianfranco Visentin	**Session 2b - Robotic Testbeds**				Marti Vilella	**Session 2c - In-Orbit Servicing, Manufacturing, and Construction**				Gunter Just
11:50	00:20	12:10	Paper 38	Status of the CNES Autonomous Navigation solution accommodated on the ExoMars rover	**Michel Delpelch**	CNES		Paper 34	System Requirements Elicitation and Conceptualization for a novel Space Robot Suspension System	**Ferdinand Elhardt**	German Aerospace Center (DLR)		Paper 7	SIROM Roadmap for future In-Orbit Servicing applications	**Montse Diaz-Carrasco Diaz**	SENER Aeroespacial	
12:10	00:20	12:30	Paper 13	Innovative Solutions for Fast Autonomous Navigation (SINAV)	**Patrick Roncagliolo**	Thales Alenia Space		Paper 48	Advances in Control Techniques for Floating Platform Stabilization in the Zero-G Lab	**Baris Can Yalcin**	University of Luxembourg		Paper 11	Ground Validation Testing Of A Re-Locatable Manipulator For On-Orbit Assembly	**Joaquin Estremera**	GMV	
12:30	00:20	12:50	Paper 53	Reusable Sample Tube Assembly (RSTA) Acquisition System: pickup and stowage system developments in SFR mission context	**Chris Hackett**	AIRBUS DS		Paper 65	Integrated Breadboard 3: rover capability evolution within SFR mission context and future planetary technology testing platform, as a service	**Vincent Schaeffer**	AIRBUS DS		Paper 102	Robotic system and refuelling mechanical interface design for the Italian In-Orbiting servicing demo mission	**Francesco Cavenago**	Leonardo	
13:00	01:00	14:00	**Lunch @ FOYER & KETELHUIS**														
			Session 3a - Planetary Robotics 2				Martin Azkarate	**Session 3b - Orbital Robotics 1**				Miguel Olivares-Mendez	**Session 3c - Human Robotic Interaction**				Thomas Krüger
14:10	00:20	14:30	Paper 18	European Moon Rover System (EMRS)	**Alessandro Ruggiero Chiminelli**	Thales Alenia Space		Paper 30	Bio-inspired Adaptive Control of Robotic Manipulator for Space Debris Removal and On-orbit Servicing	**Alex Ellery**	Carleton University		Paper 4	X-aRm: a Robust, Comfortable and Responsive Arm Exoskeleton with Virtual Reality to train Future Astronauts	**Andres Martin-Barrio**	Space Applications Services (SAS)	
14:30	00:20	14:50	Paper 19	RAPID: A Robust and (Semi) Autonomous Platform for Increased Distances	**Jorge Ocón Alonso**	GMV		Paper 36	Experimental Module Manipulator: 1 year of Chinese robotic arm on the China space station	**Hong Liu**	Harbin Institute Of Technology		Paper 96	Multimodal Operations for Rover Teleoperation: Haptic Driving and Manipulation with a 7-DoF Device	**Rute Luz**	Instituto Superior Técnico	
14:50	00:20	15:10	Paper 20	Short-Circuit Fault Models Analysis for a Planetary Rover DC Motor Actuator Using a Kalman Filter Model-Based Fault Detection Approach	**Salim Al Oufi**	University of Glasgow		Paper 47	REACSA: Actuated floating platform for orbital robotic concept testing and control software development	**Willem Suter**	ESA		Paper 83	Lessons Learned on Design of Astronaut's Countermeasure Exercisers: the ESA NEX4EX and ATHLETIC Projects	**Guillaume Fau**	Space Applications Services (SAS)	
15:10	00:20	15:30	Paper 24	Vision-Based Localization for the MSR Sample Transfer Arm	**Joaquin Estremera**	GMV		Paper 50	Trajectory optimization and control of multipod robots in on-orbit servicing operations	**Jorge Pomares**	University of Alicante		Paper 97	CISRU: a robotics software suite to enable complex rover-rover and astronaut-rover interaction.	**Cristina Luna**	GMV	
15:30	00:20	15:50	**Coffee Break @ FOYER**														
			Session 4a - Planetary Robotics 3				Martin Zwick	**Session 4b - Simulation, Modelling, and Visualisation 1**				Gunter Just	**Session 4c - SpaceROS & DEM simulation**				Tim Wiese
16:00	00:20	16:20	Paper 33	Rover Operations for Subsurface Mining on the Moon	**Alex Ellery**	Carleton University		Paper 12	LROC-PANGU-GAN: Closing the Simulation Gap in Learning Crater Segmentation with Planetary Simulators	**Jaewon La**	University Of Oxford		N/A	SpaceROS	**Krzysztof Walas**	Poznan University of Technology	
16:20	00:20	16:40	N/A	MINT – Multi Input Network for Traversability estimation	**Hugo Leblond**	Université de Lorraine & ESA		Paper 31	Contact Dynamics and Autonomous Control during Rendezvous and Berthing Manoeuvres	**Simone Asci**	Queen Mary University Of London		Paper 85	The Avalanching Effect: A Crucial Factor in DEM Calibration and Granular Material Behavior	**Adam Kolusz**	Akademia Górniczo-Hutnicza (AGH)	
16:40	01:00	17:40	**Posters & Exhibitions & Drinks @ FOYER**														
17:40	00:20	18:00	**Logistics Break - Moving to Zirkus**														
18:00	02:00	20:00	**Drinks @ Zirkus (Maarsmansteeg 19, Leiden)**														