

Day 1 26 Nov	Session	Timings	Plenary Room			
	1	9:30-10:00 (0,5h)	Introduction Presented by Director of Human and Robotic Exploration Daniel Neuenschwander Undersecretary of State at the Ministry of Science and Higher Education prof. Maria Mrówczyńska			
	Coffee break					
	2	10:30-12:00 (1h30)	Explore2040 Strategy + Q&A Presented by Director of Human and Robotic Exploration Daniel Neuenschwander			
	Lunch break					
	3	13:30-15:15 (1h45)	ESA Programme highlights: Scientific outcomes and achievements + Q&A Angelique Van Ombergen James Carpenter Gerhard Kminek Sebastien Vincent-Bonnieu			
	4	15:15-15:30 (15min)	Update on Axiom-4 mission Slawosz Uznanski			
	Coffee break					
	5	16:00-17:30 (1h30)	Radiation: Mapping new paths for future research + Plenary panel discussion Keynote Presentation (30 min): Anna Fogtman Panel Discussion Thomas Berger Slawosz Uznanski Marco Durante			
	6	17:30-19:00 (1h30)	Networking Event - Drinks			
Day 2 27 Nov	Session	Timings	Plenary Room	Breakout Room 1	Breakout Room 2	Breakout Room 3
	1	9:00-11:00 (2h)	Human Risks of Space Exploration (incl. Radiation) Moderator: Angelique Van Ombergen Key presentation (45min): Maybritt Kuypers Panel discussion (1h 15min): Alexander Chouker Monica Monici Anna Fogtman	Materials Science Laboratory (MSL), Transparent Alloys (TA), X-Ray Facility (XRF) Moderator: Wim Sillekens Presentations (15 min) + Q&A G. Reinhart - CETSOL S. Steinbach - MICAST J. Mogeritsch - METCOMP G. Reinhart - XRMON	Soft matter session 1 - Presentations Moderator: Olfa D'Angelo Presentations (20 min) + Q&A: Annina Salonen Fabrizio Croccolo James Lutsko Luigi Cristofolini Matthias Sperl Roberto Cerbino	Fluid physics session 1 - Presentations Moderator: Chiara Falsetti Presentations (20 min): Anselmo Cecere Vincent Ayel Axel Sielaff Robin M. Behle Senthil Kumar Parimalanathan Andrey Glushchuk Mihai Boni
	Coffee break					

	2	11:30-13:00 (1h30)	<p>Microgravity and Physical Adaptation Session 1 - Ground based Moderator: Inês Antunes Presentations (15 min): Anne Pavy-Le Traon Jörn Rittweger Marc-Antoine Custaud Rodrigo Fernandez-Gonzalo Panel discussion Additional moderator: Jonathan Scott</p>	<p>Electro-Magnetic Levitator (EML) Moderator: Wim Sillekens Presentations (15 min) + Q&A F. Yang - BMW, DAS-BMG F. Kargl - ICOPROSOL, LIPHASE, MAGNEPHAS, OXYTHERM, PARSEC</p>	<p>Soft matter session 2 - Q&A and Panel Discussion Moderator: Laura Alvarez-Frances Panel discussion (1h 30min) Anniina Salonen Alberto Vailati Fabio Giavazzi Jan P. Gabriel Sefano Buzzaccaro</p>	<p>Fluid physics session 2 - Q&A and Panel Discussion Moderator: Claudia Esposito Panel discussion Anselmo Cecere Andrey Glushchuk Axel Sielaff Robin M. Behle Senthil Kumar Parimalanathan Vincent Ayel</p>
	Lunch break					
	3	14:30-16h00 (1,5h)	<p>Fundamental physics and astrophysics Moderator : Luigi Cacciapuoti Presentations + Q&A (30 min): Christophe Salomon Marco Muccino Jan Harms Panel discussion</p>	<p>Starts at 14:00, Finishes at 15:30 Facility Definition Team (FDT) for LEO: physical sciences Moderator: Sébastien Vincent-Bonnieu Presentations + Q&A (30 min) Roberto Cerbino Carlo Iorio Wajira Mirihanage</p>	<p>Plant Biology and Food Production Moderator: Christiane Hahn Presentations (20min): Åsa Berggren Joao Marques Garcia Panel discussion</p>	<p>Health Biomarkers (Realtime monitoring & disease discovery/diagnosis) Moderator: Inês Antunes Presentations (10 min): Anna-Maria Liphardt Martin Feelisch Damian Bailey Alexander Chouker Martina Maggioni Panel discussion Additional moderator: Jonathan Scott</p>
	Coffee break					
	4	16:30-17:30 (1h)	<p>Microgravity and Physical Adaptation Session 2 (ISS) Moderator: Nolan Herssens Presentations (10 min) + Q&A: Claudia Stern Maura Strigini Dieter Blottner Judith Buchheim Floris Wuyts</p>	<p>Material Sciences beyond ISS Moderator: Wim Sillekens Panel discussion</p>	<p>Origins of Life & Limits of Life / Exposure Biology - Point of Care (Realtime medical care & utilisation of health biomarkers) Moderator: Victorino Parro Garcia & Rodrigo Coutinho De Almeida Presentations (10 min) + Q&A: Jean-Pierre de Vera Daniela Billi Adrienne Kish Boris Hespels Rosa Santomartino</p>	<p>Moderator: Ian Johnson Presentations (10 min): Marina Tuschen Mara Mirasoli Michiel Twisk Ulrich Limpert Panel discussion Additional moderator: Maybritt Kuypers</p>
Day 3 28 Nov	Session	Timings	Plenary Room	Breakout Room 1	Breakout Room 2	Breakout Room 3
	1	9:00-10:30 1 st session (1,5h)	<p>Astrophysics and environment : EUSO and ASIM Moderator: Luigi Cacciapuoti Presentations (30 min): Etienne Parizot Torsten Neubert Zbigniew Plebaniak Q&A, Panel Discussion</p>	<p>Bioculture FDT Panel Discussion Matteo Moretti James Henstock Alexander Chouker Ines Antunes Christiane Hahn</p>	<p>PK4 session Moderator: Hubertus Thomas Presentations (20 min): Eshita Joshi Peter Hartmann Andre Melzer Q&A, Panel Discussion</p>	<p>Microbiology Moderator: Rodrigo Coutinho De Almeida Presentations (15 min): Elke Rabbow Katharina Siems Vjera Radonicic Natalie Leys Natalie Leys (replacing Felice Mastroleo) Panel Discussion</p>
	Coffee break					

	2	11:00-12:30 2 nd session (1,5h)	<p>Physical sciences : EML and PK4 and ASIM Moderator: Wim Sillekens Presentations (30 min): Florian Kargl Mikhail Pustynnik Q&A, Panel Discussion</p>	<p>Psychology and Team Dynamics Moderator: Inês Antunes Presentations (15 min): Francesco Pagnini Pedro Marques-Quinteiro Agnieszka Skorupa Panel Discussion</p>	<p>Biotechnology and Synthetic Biology & Cell Biology Moderator: Ian Johnson Presentations (15 min): Eduardo Gonzalez Pastor Marcel Egli Nils Nicolay Paolo Annibale Claudia Pacelli Panel Discussion</p>	<p>Hibernation for Deep Space Exploration Moderator: Christiane Hahn Presentations (15 min): Angelique Van Ombergen Anggraeini Puspitasari Matteo Cerri Dominique Moser Panel Discussion</p>	Lunch break		
	3	14:00-15:30 3 rd session (1,5h)	<p>Facility Definition Team (FDT) for LEO: physical sciences Moderator: Sébastien Vincent-Bonnieu Presentations (30 min) + Q&A Stephan Schiller Naceur Gaaloul</p>	<p>Health Countermeasures Moderator: Nolan Herssens Presentations (15 min): Maura Strigini Rebecca Billette de Villemeur Nathalie Leys Pierre Bourdier Panel Discussion Additional moderator: Jonathan Scott</p>	<p>3D biological models and applications for exploration: prospective session/priority setting Moderator: Christiane Hahn Presentations (12 min): Francesco Pampaloni Insa Schroeder James Henstock Marco Rasponi Monica Monici Panel Discussion</p>	<p>Neuroscience and Cognition Moderator: Zuzanna Pasko Presentations (15 min): Christian Liemersdorf Denise Ferravante Floris Wuyts Martina Maggioni Panel Discussion</p>	Coffee break		
	4	16:00-17:00 4 th session (1h)	Wrap up discussion						