

Preliminary Program

Day 1, October 7th 2025
Parque de las Ciencias, Granada

09:00	10:00	Registration Desk Opens		
10:00	11:30	Opening Ceremony <i>Chloé Audas (MELiSSA Project Manager, ESA)</i> <i>Dietmar Pilz (Director of Technology, Engineering and Quality, ESA)</i> <i>Robert Lindner (Head of Instrumentation and Life Support Section, ESA)</i> <i>Benoit Pouffary (Head of Exploration Preparation, Research & Technology, ESA)</i> <i>Geraldine Naja (Director of Commercialisation, Industry and Procurement, ESA)</i> <i>Juan Carlos Cortés (Director of the Spanish Space Agency, AEE)</i>		
11:30	12:00	Coffee Break		
12:00	13:00	Keynotes <i>Michael T. Flynn (Advanced Water Recycling Group Lead, NASA Ames Research Center, USA)</i>		
13:00	14:00	Lunch		
		Scientific Sessions		
14:00	16:00	Track 1: Eating and breathing in Space Session 1.1. Air revitalization <i>Chairs: Carolina Arnau (Universitat Autònoma Barcelona)</i> <i>(Room 1)</i>	Track 2: Valorising wastes, recovering water and drinking in Space Session 2.1. Waste management, recycling and valorisation <i>Chairs: Heleen De Wever (VITO) & Dries Demey (RedWire)</i> <i>(Room 2)</i>	Track 3: Paving the path to circular systems for Space and Earth Session 3.1. Advanced LSS modelling, simulation and control <i>Chairs: Philippe Fiani (Sherpa Engineering) & Eric Landel (Eric Landel Consultant)</i> <i>(Room 3)</i>
16:00	16:30	Coffee Break		
16:30	17:30	Poster session		
17:30	18:30	Keynote <i>Sonia Palomo (Director of Technology Transfer and International Relations, Malaga Techpark, Spain)</i>		
18:30	20:00	Social Event <i>"Touch the Sky"</i>		

Preliminary Program

Day 2, October 8th 2025 Parque de las Ciencias, Granada

		Keynote		
09:00	10:00	<i>Martin Persson (Manager of Fermentation Technology, Novonosis, Denmark)</i>		
		Scientific Sessions		
10:00	11:30	Track 1: Eating and breathing in Space	Track 2: Valorising wastes, recovering water and drinking in Space	Track 3: Paving the path to circular systems for Space and Earth
		Session 1.1. Air revitalization	Session 2.1. Waste management, recycling and valorisation	Session 3.1. Advanced LSS modelling, simulation and control
		<i>Chairs: Carolina Arnau (Universitat Autònoma Barcelona)</i>	<i>Chairs: Heleen De Wever (VITO) & Dries Demey (RedWire)</i>	<i>Chairs: Philippe Fiani (Sherpa Engineering) & Eric Landel (Eric Landel Consultant)</i>
		<i>(Room 1)</i>	<i>(Room 2)</i>	<i>(Room 3)</i>
11:30	12:00	Coffee Break		
		Scientific Sessions		
12:00	13:30	Track 1: Eating and breathing in Space	Track 2: Valorising wastes, recovering water and drinking in Space	Track 3: Paving the path to circular systems for Space and Earth
		Session 1.2 Plant Characterization	Session 2.2 Waste water treatment, recycling and valorisation	Session 3.2. Space demonstrators and ground analogues
		<i>Chairs: Lucie Poulet (Université Clermont Auvergne) & Lucie Thibaud (ZARM)</i>	<i>Chairs: Korneel Rabaey (University of Gent) & Siegfried Vlaeminck (University of Antwerp)</i>	<i>Chairs: Natalie Leys (SCK-CEN)</i>
		<i>(Room 1)</i>	<i>(Room 2)</i>	<i>(Room 3)</i>
13:30	14:30	Lunch		
14:30	15:00	Poster Pitch Contest		

Preliminary Program

		Scientific Sessions		
15:00	17:00	<p>Track 1: Eating and breathing in Space</p> <p>Session 1.2 Plant Characterization</p> <p><i>Chairs: Lucie Poulet (Université Clermont Auvergne) & Lucie Thibaud (ZARM)</i></p> <p>(Room 1)</p>	<p>Track 2: Valorising wastes, recovering water and drinking in Space</p> <p>Session 2.2 Waste water treatment, recycling and valorisation</p> <p><i>Chairs: Korneel Rabaey (University of Gent) & Siegfried Vlaeminck (University of Antwerp)</i></p> <p>(Room 2)</p>	<p>Track 3: Paving the path to circular systems for Space and Earth</p> <p>Session 3.2. Space demonstrators and ground analogues</p> <p><i>Chairs: Natalie Leys (SCK-CEN)</i></p> <p>(Room 3)</p>
17:00	17:30	Coffee Break		
17:30	18:30	<p>Keynote</p> <p><i>Hui LIU (Lunar Palace 365 Experiment Captain, Beihang University, China)</i></p>		
20:00	23:00	Gala Dinner		

Preliminary Program

Day 3, October 9th 2025
Parque de las Ciencias, Granada

		Keynote		
09:00	10:00	<i>Cesare Lobascio (Space Exploration and Science Innovation Lead, Thales Alenia Space, Italy)</i>		
		Scientific Sessions		
10:00	11:30	Track 1: Eating and breathing in Space Session 1.3. On board food production and preparation <i>Chairs: Stefania de Pascale (University of Naples Federico II) & Giorgio Boscheri (Thales Alenia Space Italia)</i> (Room 1)	Track 2: Valorising wastes, recovering water and drinking in Space Session 2.3. Drinking in Space <i>Chairs: Kai Udert (Swiss Federal Institute of Aquatic Science and Technology, EAWAG) & Cyprien Verseux (University of Bremen)</i> (Room 2)	Track 3: Track 3: Paving the path to circular systems for Space and Earth Session 3.3. Terrestrial applications <i>Chairs: Jeremy Pruvost (University of Nantes) & Antoinette Kazbar (University of Wageningen)</i> (Room 3)
		Coffee Break		
11:30	12:00	Keynote		
12:00	13:00	<i>To be announced</i>		
13:00	14:00	Lunch		
		Scientific Sessions		
14:00	16:00	Track 1: Eating and breathing in Space Session 1.3. On board food production and preparation <i>Chairs: Stefania de Pascale (University of Naples Federico II) & Giorgio Boscheri (Thales Alenia Space Italia)</i> (Room 1)	Track 2: Track 2: Valorising wastes, recovering water and drinking in Space Session 2.3. Drinking in Space <i>Chairs: Kai Udert (Swiss Federal Institute of Aquatic Science and Technology, EAWAG) & Cyprien Verseux (University of Bremen)</i> (Room 2)	Track 3: Track 3: Paving the path to circular systems for Space and Earth Session 3.3. Terrestrial applications <i>Chairs: Jeremy Pruvost (University of Nantes) & Antoinette Kazbar (University of Wageningen)</i> (Room 3)
		Coffee Break		
16:00	16:30			

Preliminary Program

16:30	17:30		Round table Event <i>Moderated by Marc Obéron (Founder of Cinema For Change International Film Festival, France)</i>
17:30	18:00		Closing Ceremony