8:30	**REGISTRATIONS**		
	ROOM 1 **Chair:** Christophe LASSEUR – ESA		
9:30	**Torben HENRIKSEN** – ESA/D TEC **José Gavira Izquierdo** – ESA		
9:40	**Giorgio MAGISTRATTI** – ESA HRE		
9:50	**Sébastien BARDE** – CNES		
10:00	**Stella TKATCHOVA** – EU Innovation		
10:10	**Geraldine NAJA** – ESA/D CIP		
10:30	**Didier SCHMITT** – ESA-HRE		
11:00	**François FORGET** – IPSL		
11:30	**Christophe LASSEUR** – ESA-TEC		
12:10	**Elena GRASHCHENKOVA** – ESA CIP		
12:30	**LUNCH**		
	ROOM 1	**ROOM 2**	**ROOM 3**
	Plants Characterisation 1/3	**Food Process 1/2**	**Urine & Nitrification 1/3**
	Chair: Lucie Poulet (UCA) **Co-chair:** Ray Wheeler (NASA)	**Chair:** Christel Paille (ESA) **Co-chair:** Joel Dore (INRAE)	**Chair:** Siegfried Vlaeminck (U Anvers) **Co-chair:** Nele Kirkerup (EAWAG)
13:30	Shortening the Breeding Cycle. **Bahar ACIKSOZ** – U SUSSEX	A novel multiproduct pathway towards algal food ingredients. **Antoinette KAZBAR** – U WAGENINGEN	Influence of organics removal and nitrification on pharmaceutical and artificial sweetener removal ; the example of urine treatmet. **Aurea HEUSSER** – EAWAG
13:50	PaCMan Unit upgrade. New subsystems for a deeper investigation of the root zone. **Claudia QUADRI** – ENGINSOFT	Lettuce cultivation in a urine recycling scenario: Effects of different NH4:NO3 ratios. **Mona SCHIEFLOE** – NTNU	Community shift of ammonia-oxidizing bacteria and washout of nitrite-oxidizing bacteria due to pH changes during urine nitrification. **Kai Udert** – EAWAG
14:10	Fertilizer production for soilless plant cultivation in closed life support system – lessons learned from 4 years study. **Anna JURGA** – U WROCLAW	Vitamin B12, microalgae and the MELiSSA loop. **Ellen HARRISON** – U Cambridge.	Electrochemical stabilization and resource recovery from source-separated urine. **Popat SUDEEP** – U CLEMSON.
14:30	Characterization of three leafy vegetables in a sealed plant-growth chamber for closed life support systems. **Antonio PANNICO** – UNINA	Species selection of microgreens to be produced in space as functional food for astronaut consumption. **Luigi IZZO** – UNINA	Impact of the Composition of Organics on Urine Treatment. **Nele KIRKERUP** – EAWAG
14:50	Plants for Space – a new multidisciplinary centre focused on enabling long term-deep space habitation. **Mathew GILLIHAM** – U ADELAIDE	Green algae for sustainable edible proteins production. **Matteo BALLOTARRI** – U VERONA.	Will be three a multitude in the nitrifying compartment? First steps towards the characterization of a novel synthetic community by using flow cytometry and atomic force microscopy. **Celia ALVAREZ** – U Ghent
15:10	Novel approach to enhance the potential of ground preparatory activities for improved plant growing experiments in microgravity. **Iliana ILLIEVA** – BAS	MEAT4SPACE – Cultured meat for human space exploration. **Pedro GARCIA** – ESA	The effects of ISS-like ionizing radiation on the proteome and metabolome of ureolytic and nitrifying bacteria. **Tom Verbeelen** – SCK
15:30	**COFFEE BREAK**		
	ROOM 1	**ROOM 2**	**ROOM 3**
	Air & Grey Water	**Food Process 2/2**	**Urine & Nitrification 2/3**
	Chair: Enrique Peiro Cezon (UAB) **Co-chair:** Gregory Navarro (CNES)	**Chair:** Alain Maillet (CNES) **Co-chair:** Felice MASTROLEO (SCK)	**Chair:** Kai Udert (EAWAG) **Co-chair:** Marijn Timmer (U Anvers)
15:50	Grey water recycling from space to earth. **Pierre MAGNES** – FIRMUS	How abiotic factors change the requirements for plants cultivation in Space systems. **Chiara AMITRANO** – UNINA	Fresh urine treatment with bio-mineral phosphorus recovery and nitrification with biocatalysts. **Ana SOARES** – U CRANFIELD.
16:10	Indoor CO2 Direct Air Capture (iCO2-DAC): CO2 As Renewable Carbon Source. **Luis Rafael Lopez de Leon** – U GIRONA	The significance of aquaponics in Controlled Ecological Life Support Systems. **Yoshiaki KITAYA** – U OSAKA	Urine and life support: Some nitrification-based MELiSSA solutions. **Siegfried VLAEMINCK** – U ANVERS
16:30	Anerobic Membrane Bioreactors for Long-Duration Sanitation: Current Technologies and Pharmaceutical Challenges. **John MARSHALL** – U TEXAS	Ground-based demonstrator for the first space-ready lunar agricultural module. **Daniel SCHUBERT** – DLR	The alkalinity dilemma in nitrification. **Agata SIEDLECKA** – U WROCLAW
16:50	Electroactive biofilm development under controlled hydrodynamic in a Couette-Taylor electrochemical reactor. **Florent BOUCHON** – INRAE	Innovative Spirulina Nutraceuticals products for health prevention in long flight and extraterrestrial habitat. **Olivier LEPINE** – ALGOSOURCE	Closing loop with biological nitrification for nutrients recovery and surfactants removal. **Kamil JANIACK** – U Wroclaw.
17:10			
17:30	**Christer FUGLESANG** – ESA Astronaut		
18:20 **19:15**	**Travel to *"Cité de l'espace"***		
19:15 **20:30**	**Visit *"Cité de l'espace"***		