

Space Systems Engineering Workshop

05.11.2024

Cluj-Napoca

Technical University of Cluj-Napoca
TUCN HUB
George Barițiu no.4, Cluj Napoca

Program

9:00- 9:30	Coffee & Registration
9:30 -09:40	Opening of the event – Rector of University of Cluj-Napoca, Prof. Dr. Eng. Mr. Vasile Țopa
09:40 – 10:20	„Sustainability, a mandatory requirement in present and future operations on the Moon” presentation by Dr. Eng. Cosmonaut Dumitru-Dorin Prunariu (25 min. with 5 min Q&A)
10:20 – 11:05	“On Board Computers & Data Handling Systems for Space” presentation held by Mr. Nikolaos Panagiotopoulos, On Board Computer & Data Handling Engineer, representative of European Space Agency (40 min. with 5 min Q&A)
11:05 – 11:50	“ispace Lunar Future” presentation held by Mr. Ertan Umit, Payload Systems Engineer, representative of ispace Europe SA (40 min. with 5 min Q&A)
12:00 – 14:00	Press & Lunch & Networking
14:00 – 17:00	Technical presentations held by Romanian Entities (20 min/presentation, followed by 10 min Q&A): <ol style="list-style-type: none">1. Romanian InSpace Engineering -“ Space Hardware made in Romania” presentation held by Mr. Marius Florin Trușculescu (14:00 – 14:20)2. GMV Innovating Solutions – “Contributions to HERA mission” presentation held by Mr. Florin Adrian Stancu (14:30 – 14:50)3. THALES Romania – “ Thales Alenia Space projects in Romania” presentation held by Mr. Andrei Basarab (15:00 – 15:20)4. COMOTI Romanian Research & Development Institute for Gas Turbines “COMOTI’s capabilities and experience for space related products” - Mr. Dragoș Mihai (15:30 – 15:40)5. National University of Science and Technology POLITEHNICA Bucharest – “Romanian National Quantum Communication Infrastructure”, Prof. Dr. Eng. Mihai Carabaș (16:00– 16:20)6. Maritime University of Constanța, Naval Electronics Research Center – “ Challenges in HF ionosphere sounding” presentation held by Prof. Dr. Eng. Răzvan Tămaș (16:30 – 16:50)7. AROBS Transilvania Software – “On-board real-time payload data processing” presentation held by Mr. Cosmin Stanciu (17:00 – 17:20)8. Control Data Systems – “Ultra Wide Band Radio Experiments on the Moon Surface” presentation held by Mr. Ovidiu Rațiu and Mr. Laurentiu Nicolae, Payload Lead - Moon Exploration Expert, ESA (17:30 – 18:00)
18:00 - 18:30	Closing the event & coffee