

## February 9, 2017

14:00	14:20	Opening				
14:20	14:50	Keynote speaker	<i>Title to be confirmed</i>	Amnon	Ginati	ESA's Senior Advisor to the Directorate of Telecommunications and Integrated Applications
14:50	15:05	Technical presentation 1	Philae's landing and autonomous operation control on a comet – challenges, achievements and lessons learnt	András	Balázs	Wigner Research Centre for Physics, Hungarian Academy of Sciences
15:05	15:20	Technical presentation 2	Introducing E-GNSS navigation in the Hungarian Airspace: the BEYOND experience and the relevance of GNSS monitoring and	Rita	Markovits-Som	HungarControl Zrt.
15:20	15:30	One minute madness	Poster authors presents their work in 1 minute			
15:30	16:15	Poster session with coffee break				
16:15	16:45	Invited speaker	<i>Title to be confirmed</i>	<i>TBC</i>	<i>TBC</i>	<i>TBC</i>
16:45	17:15	Technical presentation 3	The Alphasat Scientific Experiment: Propagation Measurements and Statistics in the Ka/Q Band	Bernard	Adjei-Frimpong	Department of Broadband Infocommunications and Electromagnetic Theory, Budapest University of Technology and Economics,
17:15	17:35	Technical presentation 4	Developing a VLF transmitter for LEO satellites: Probing Of Plasmasphere and RADIATION Belts - the POPRAD proposal	János	Lichtenberger	Department of Geophysics and Space Sciences, Eötvös Loránd University
17:35	17:50	Technical presentation 5	An analysis of entangled-based solutions on Earth-satellite channel	Ákos	Korsós	Department of Networked Systems and Services, Budapest University of Technology and Economics
17:50	18:05	Technical presentation 6	Application of Low Cost Microsatellites and Nanosatellites in Nigeria's War against Terrorism and Kidnappings	Akinjide	Oluwajobi	Department of Mechanical Engineering, Obafemi Awolowo University, Ile-Ife

## February 10, 2017

9:00	9:15	Opening of the second day				
9:15	9:40	Long talk 1	<i>Title to be confirmed</i>	<i>TBC</i>	<i>TBC</i>	<i>TBC</i>
9:40	10:05	Long talk 2	Novel materials for aerospace hardware	Pál	Bárczy	Admatis Kft.
10:05	10:20	Technical presentation 7	Hexavalent Chromium free Coatings for Space Metallic Hardwares	Kalaivanan	Thirupathi	University of Miskolc and Matmod Limited
10:20	10:35	Technical presentation 8	Reusable Launch Vehicle-Concept of Minimizing Space Transportation Cost	Nadeem	Alam	Department of Aeronautical Engineering, Babu Banarasi Das National Institute of Technology and Management, Lucknow
10:35	11:00	Coffee break				
11:00	11:15	Technical presentation 9	Beyond-LEO Architecture Sizing Tool (BLAST)	Keith	Eaton	Zero Point Frontiers Corp.
11:15	11:30	Technical presentation 10	Probing and Analyzing Triple Asteroid System	Hari	Shankar R L	Team DeSpaceInvaders
11:30	11:45	Technical presentation 11	Plasmaspheric density measurements based on guided VLF wave propagation	David	Koronczay	Geodetic and Geophysical Institute, Hungarian Academy of Sciences
11:45	12:00	Technical presentation 12	High speed integrated space streaming swarms as mission concepts	Pál Gábor	Vizi	Wigner Research Centre for Physics, Hungarian Academy of Sciences

12:00	13:00	Lunch break				
13:00	13:15	Education/Outreach 1	Space Education in Nigeria, Why there's more to be done	Chucks	Okoroafor	Federal University of Technology, Owerri, Imo
13:15	13:30	Education/Outreach 2	Inspiring space enthusiast students and young professionals	István	Arnócz	Space Generation Advisory Council
13:30	13:45	Education/Outreach 3	Optical spectroscopy for high school and university students	Daniele	Buongiorno	URDF - Università degli Studi di Udine
13:45	14:00	Education/Outreach 4	Space research and mini-satellites in secondary high school (in Hungarian)	Mária	Pető	Székely Mikó High School
14:00	14:15	Education/Outreach 5	About Space Weather in High Schools (in Hungarian)	Annamária	Komáromi	Eötvös Loránd University
14:15	14:30	Education/Outreach 6	<i>Funding opportunities of the EUROPLANET 2020 (in Hungarian)</i>	Melinda	Dósa	Wigner Research Centre for Physics, Hungarian Academy of Sciences
14:30	14:45	Education/Outreach 7	<i>Planetarium in education - experiences (in Hungarian)</i>	Attila	Szing	Stratolab Kft.
14:45	15:05	Invited speaker 3	ESERO HUNGARY, the Hungarian Education Office of ESA (in Hungarian)	László	Veress	Orion Űrnemzedék Alapítvány
15:05	15:15	Closing remarks	Kálmán Kovács, Director, BME EIT			
15:30	18:30	Workshop	Students and Young Professionals Workshop (Invitation only, in Hungarian)			

**Posters (during the whole conference, with a dedicated poster session on February 9)**

Poster presentation 1	Analyzing energy efficiency of sensor networks deployed on the surface of a Solar System Body	Roland	Béres	Department of Networked Systems and Services, Budapest University of Technology and Economics
Poster presentation 2	Analyzing the Quantum Efficiency in Satellite-based Quantum Key Distribution Network	András	Kiss	Institute of Informatics and Economics, University of West Hungary
Poster presentation 3	Comparative analysis of tropospheric delay models using reference data derived from ray tracing	Ildiko	Juni	Department of Geodesy and Surveying , Budapest University of Technology and Economics
Poster presentation 4	Follow-up psychological status monitoring of the crew members of Concordia research station at Antarctica based on speech	Gábor	Kiss	Department of Telecommunications and Media Informatics , Budapest University of Technology and Economics
Poster presentation 5	HABIT – instrument on ExoMars rover to detect microscopic liquid water	Akos	Kereszturi	Research Centre for Astronomy and Earth Sciences, Hungarian Academy of Sciences
Poster presentation 6	RadMag development for the RADCUBE mission	Balázs	Zábori	Centre for Energy Research, Hungarian Academy of Sciences
Poster presentation 7	Simulated Mars Rover Model Competition - More than a decade as a research area	Pal Gabor	Vizi	Wigner Research Centre for Physics, Hungarian Academy of Sciences