

18 September

Space Exploration and Grand Challenges on Earth		
8:30- 9:30	Registration	
9:30- 10:00	Welcome to the Conference	
9:30- 9:45	Vidmantas Tomkus, director of the Lithuanian Space Association	
9:45-10:00	Ramutis Bansevicius, Chairman of the Senate, Kaunas University of Technology	
10:00- 15:20 Session 1: Space Innovation and International Collaboration		
10:00- 10:15	Opening message: Lithuanian Presidency of the Council of the European Union	Marius Skarupskas Vice-Minister Ministry of Economy of the Republic of Lithuania
10:15- 10:40	Releasing the Potential for Economic Growth in the Space Sector	Radomir Jansky Directorate-General for Enterprise and Industry Space Policy European Commission
10:40- 11:00	Socio Economic Value of Investment in Space	Ersilia Vaudo Scarpetta Directorate of ESA Policies, Planning and Control ESA
11:00- 11:30	Robotic Technology Development at Ames: The Intelligent Robotics Group and Surface Telerobotics	Maria Bualat NASA Ames Research Center USA
11:30- 12:00 Coffee break		
12:00- 12:20	Emerging Another Age of Discovery in Solar System Enabled through Round Voyage Technology, Represented by Hayabusa Mission	Junichiro Kawaguchi Japan Aerospace Exploration Agency Japan
12:20- 12:40	China Space Exploration and Earth Observation Programme, Kuafu Mission	Zhou Yuanying China Great Wall Industry Corporation China
12:40- 13:00	Russian-European Space Cooperation: Results and Perspective	Yuri Makarov Strategic Planning and Target Programmes Federal Space Agency (ROSCOSMOS)
13:00-14:30 Lunch		
Press conference (Hall Carmen)		
14:30- 14:50	Finnish Space Strategy 2013-2020	Pauli Stigell Tekes, Finland
14:50 -15:20	ESA – Technology Programmes	Alberto Tobias Head of Systems, Software and Technology Department, ESTEC Netherlands
15:20- 15:40 Session 2: History Pages of Human Flights		
15:20- 15:40	Orbital stations – pro et contra	Georgy Mikhaylovich Grechko Soviet cosmonaut
15:40- 16:10 Coffee break		
16:10- 16:50 Session 1: Space Innovation and International Collaboration		

16:10- 16:30	The Programmes of ESA's Science and Robotic Exploration Directorate	Fabio Favata Head of the Coordination Office, Science and Robotic Exploration Programme ESA, France
16:30- 16:50	ESA's research strategy with the ELIPS programme	Olivier Minster Physical Sciences Unit Head Human Spaceflight and Operations Directorate Netherlands

19 September

Space for Grand Challenges on Earth		
8:30- 9:30	Registration	
9:30- 10:00	European Satellite Navigation Competition 2013	
10:00- 10:40 Session 3: Earth Observation and Space Situational Awareness		
10:00- 10:20	Unlocking the Power of Geographic Information, Today and Tomorrow	Stefaan De Mey EURISY, Secretary General, France
10:20 - 10:40	Improved monitoring and forecasting of ecological status of European INland waters by combining Future earth ObseRvation data and Models	Klaipeda University Lithuania
10:40- 13:45 Session 4: Key Enabling Technologies Chairman:		
10:40- 11:00	Biosensors and Bioreactors for Life Support Systems	Valdas Laurinavičius Institute of Biochemistry of Vilnius University Lithuania
11:00 - 11:30 Coffee break		
11:30 - 11:45	Biomedical System for Human Functional State Assessment	Giedrius Varoneckas Klaipėda University Lithuania
11:45- 12:05	Power Efficient GaSb- based Optoelectronics for Space and Remote Sensing Applications	Augustinas Vizbaras Brolis Semiconductors Lithuania
12:05- 12:25	Development of Specialised Lasers, Based on Solid State and Fibres	Gediminas Račiukaitis Department of Laser Technologies, Centre for Physical Sciences and Technology Lithuania
12:25-13:30 Lunch		
13:30- 13:45	Piezoelectric Devices for Attitude Control of Pico and Nano Satellites	Vytautas Bakanauskas Mechatronics Centre for Research, Studies and Information Kaunas University of Technology Lithuania

13:45- 15:45 Session 5: Remotely Operated Vehicle and Nanosatellites Technologies		
13:45- 14:05	Proposal for Educational/Professional Small Satellite Project for Eastern European Countries	Maciej Urbanowicz SSBV Polska Ltd., ABM Space Education Ltd., Warsaw University of Technology Poland
14:05- 14:25	1st Estonian Cubesat Mission	Representative from Estonia
14:25- 14:45	Kaunas university of technology and 1st Lithuanian Cubesat mission	Kęstutis Morkūnas Kaunas University of Technology Lithuania
14:45- 15:15 Coffee break		
15:15- 15:35	First Lithuanian CubeSat Mission LituonicaSAT-1	Vytenis Buzas Laurynas Mačiulis Innovative Engineering Projects Lithuania
15:35- 15:55	Promoting Space Industry in Society	Pauls Irbins V.I.U.C Latvia
15:55- 16:15	Development and Implementation Researches of UAVs in Lithuania	Domantas Bručas Space Science and Technology Institute, Lithuania
16:30-18:00 Press conference of astronaut Georgy Mikhaylovich Grechko		

20 September

Horizon 2020 Space - Information Tour Day	
8:30- 9:30	Registration
9:30- 9:45	Welcome and agenda of the day
9:45- 10:45	Horizon 2020: Draft Space Work Programme
10:45- 11:15 Coffee break	
11:15- 12:00	Horizon 2020: New Rules for Participation
12:00- 13:00	Presentation of Space key players
13:00- 14:00 Lunch	
14:00- 15:30	Short presentation of participants
15:30- 16:00 Coffee break	
16:00- 17:30	One-to-one matchmaking session