General Program

Thursday, 6th of December

TIME	EVENT	PLACE
8:30	**Registration, Coffee Break**	**Main Building, Hall**
10:00	**Conference Welcome** *Nikolay Kudryavtsev Rector, MIPT* *Yueming Li, VIce Dean, Xi'an Jiaotong University* *Utyuzhnikov Sergey, Manchester University*	**Main Building, Concert Hall**
10:30	**Opening Session Ceremony Debate** • Sixth technological paradigm in digital enterprise of space device engineering *Romanov Alexey* • On prospects of small spacecrafts for observation and removal of space debris *Shustov Boris* • Technological Challenges in Realization of Low-Earth Orbiting Projects *Uzhinsky Ighor*	**Main Building, Concert Hall**
12:30	**Lunch**	**-**
14:00	**Plenary Session. Advances of space technology** • Issues of tracking small spacecraft in high geocentric orbits by the ground monitoring systems in the context of space debris problematic. *Agapov Vladimir* • Spaceborne internet satellite systems: needs for construction and problems of implementation. *Ionin Andrey* • Mechanically reconfigurable reflector for satellite antenna. *Minglong Xu*	**Main Building, Concert Hall**
16:00	**Coffee Break**	**Main Building, Hall**
16:30	**Grand Opening of the Exhibition**	**Arctica, 2nd floor**
18:00	**Welcome party**	**Arctica, 2nd floor**

General Program

Friday, 7th of December

TIME	EVENT	PLACE
9:00	**Registration**	**Arctica, 1nd floor**
9:00	**Coffee Break**	**Arctica, 2nd floor**
10:00	**Plenary Session. Achievements of private companies** • Is hyperspectrometry possible on micro- and nanosatellites *Kazancev Oleg* • Laser Communication on CubeSats and SmallSats – current status *Philipp Biller* • Modern geoinformation services *Finogenov Vladimir* • Synthetic Aperture Radars for the SmallSats – Design Principles and Performance *Kuzmenko Andrey*	**Arctica, Stream Auditorium**
12:30	**Lunch**	**-**
14:00	**Breakout sessions:** • Modelling for Space Applications • Small Satellites • Space Debris	**Arctica** **2.02** **5.02** **5.19(1)**
16:00	**Coffee Break**	**Arctica, 2nd floor**
16:20	**Breakout sessions:** • Modelling for Space Applications • Small Satellites • Space Debris	**Arctica** **2.02** **5.02** **5.19(1)**

General Program

Saturday, 8th of December

TIME	EVENT	PLACE
9:00	**Registration**	**Arctica, 1nd floor**
9:00	**Coffee Break**	**Arctica, 2nd floor**
10:30	**Plenary Session Analytical and numerical modeling** • Reduced order analysis in design of active flow control *Utyuzhnikov Sergey* • Designing rocket and space technology using supercomputer modeling *Aksenov Andrey* • On Certain Dynamical Effects of Large Space Debris Rotational Motion *Sidorenko Vladislav*	**Arctica, Stream Auditorium**
12:30	**Lunch**	**-**
14:00	**Breakout sessions:** • Modelling for Space Applications • Small Satellites • Student Contest	**Arctica** **2.02** **5.02** **5.19(1)**
16:00	**Coffee Break**	**Arctica, 2nd floor**
16:30	**Conference Concludes**	**Arctica Stream Auditorium**