

## Program

<b>30 September</b>		
<b>Space Research Institute, Conference Hall</b>		
<b>Science sessions "Space Science: Yesterday, Today and Tomorrow" (1)</b>		
Chair: Mikhail Pavlinsky		
10.00	L. Zelenyi	Opening remarks
10.10	A. Gimenez	Space Science in ESA: From Horizon 2000 to Cosmic Vision
10.35	Wu Ji	Cooperation with Russia on space science: Yesterday, Today and Tomorrow
11.00	V. Soloviev	ISS- new technologies and science
11.25	J. Blamont	Some views on the future exploration of the Solar System
11.50	COFFEE	
12.10	K.-H. Glassmeier	Modes of Interaction Between a Comet and the Solar Wind
12.30	R. Rodrigo	OSIRIS on-board Rosetta: First Science results
12.50	T. Gombosi	From comet Halley to comet Churyumov-Gerasimenko: A personal Journey
13.10	L. Ksanfomality	VEGA was the first
13.30	LUNCH	
<b>Science sessions "Space Science: Yesterday, Today and Tomorrow" (2)</b>		
Chair: Andrey Fedorov		
14.30	J. Oberst	Mercury Geodesy and Cartography — After MESSENGER Before BepiColombo
14.50	V. Krasnopolsky	Planetary Atmospheres: Studies by Earth Orbiting and Ground-Based Observatories
15.10	O. Korablev	Planetary science in IKI
15.30	I. Mitrofanov	Martian journey of DAN onboard Curiosity
15.50	A. Ponomarenko	Automatic spacecraft for scientific research
16.10	COFFEE	
16.30	J. Buechner	Space Plasmas from the Earth to the Sun - 50 years of a theory school and future directions
16.50	J. Semkova	Scientific cooperation between Bulgaria and IKI-Moscow: from Bulgaria-1300 to ExoMars
17.10	S. Sharma	Magnetic reconnection in electron current sheets
17.30	A. Petrukovich	Plasma exploration in space
17.50	A. Kosovichev	Investigation of the interior structure of the Sun and mechanisms of solar activity
18.10	BREAK	
18.30	Richter Foundation Concert	
19.30	IKI EXHIBITION Welcome Party	

<b>1 October</b>		
<b>Space Research Institute, Conference Hall</b>		
<b>Science sessions "Space Science: Yesterday, Today and Tomorrow" (3)</b>		
Chair: Atsuhiko Nishida		
10.00	S. Tsuneta	Program and planning at ISAS/JAXA-Space Science
10.25	R. Sunyaev	High energy astrophysics in IKI
10.50	N. Kardashev	Radioastron in space
11.10	M. Panasyuk	Cosmic rays - ambassadors of unknown
11.30	M. Gilfanov	Accreting black holes and neutron stars in star-forming galaxies
11.50	COFFEE	
12.10	R. Lundin	IKI - IRF: 40 years of the Swedish - Russian collaboration in space research
12.35	C. Pieters	The Inspiring 50++ Years of Lunar Exploration
13.00	S. Bartalev	Terrestrial ecosystem monitoring from space
13.25	LUNCH	
<b>Science sessions "Space Science: Yesterday, Today and Tomorrow" (4)</b>		
Chair: Thomas Duxbury		
14.30	M. Balikhin	Collisionless shockwaves long way to understand
14.55	J.-P. Bibring	From comets to Mars together with IKI: building new paradigms of the solar system evolution
15.20	G. Haerendel	Fifty Years of Substorms Research and its Prospects
15.45	J. Head	Space Science Cooperation with the United States: The Brown University Example
16.10	COFFEE	
16.30	<b>Round table: Space Science: Quo Vadis?</b>	
	Moderators: R. Bonnet, J. Head, M. Marov	
18.30	BREAK	
18.45	IKI amateur concert party in three parts (in Russian)	

<b>2 October</b>		
<b>Russian academy of sciences HQ, Conference Hall</b>		
<b>Meeting dedicated to the 50th anniversary of the Space Research Institute</b>		
11.00	V.E. Fortov	Opening
11.15	L.M. Zelenyi	Along the thorny pass of Space Science. 50 years journey
12.00	R.M. Bonnet	IKI: 50 years of vision, of science and international friendship
12.30	Messages from IKI colleagues and friends	
14.30 - 15.30	LUNCH	
16.00 - 18.30	Movie and Concert: IKI in the Space Era	
18.30 - 19.00	Transfer to IKI (by buses)	
19.00 - 22.00	Reception	