

# Ceremonial meeting dedicated to the 50<sup>th</sup> anniversary of the First satellite launch

Conference hall of the Russian academy of sciences  
Leninsky pr., 32a, zone «D»

## 4 October

- 13.00 Gathering of the Forum's participants
- 14.00 Opening of the Ceremonial meeting
- 16.20 break time
- 16.50 Greetings to the Forum participants
- 18.00 Concert

## 5 October

### Plenary session of the scientific conference

Conference hall, Russian Academy of Sciences  
Moscow, Leninsky, pr., 32a, zone «D»

10.00 – 17.30 Survey papers on current problems of space science and technology

Chair: Academician **A.F. Andreev**

- 10.00 Professor **M.I. Panasyk** (Russia), *Cosmic rays – travellers of the Universe*
- 10.30 Professor **A. Nishida** (Japan), *From SPUTNIK to international programs on Solar-terrestrial physics.*
- 11.00 Academician **R.A. Sunyaev** (Russia), *X-ray astronomy – progress and horizons*
- 11.30 *break time*

Chair: Academician **A.A. Boyarchuk**

- 12.00 Academician **A.I. Grigoriev** (Russia), *Achievements and perspectives in space biology and medicine*
- 12.30 Professor **T. Owen** (USA), *Origin of life. Search for life traces in the Solar system.*
- 13.00 Academician **V.E. Fortov** (Russia), *Plasma crystals and liquids in space*
- 13.30 *lunch*

Chair: Academician **N.A. Anfimov**

- 14.30 Academician **Zh. I. Alferov** (Russia), *Nanotechnology for space science and technology.*
- 15.00 Professor **J. Blamont** (France), *Results obtained with space methods since the launch of Sputnik-1. The exploration of the planetary atmospheres*
- 15.30 Professor **G.M. Polischuk** (Russia), *Perspective programmes of Russian planetary exploration*
- 16.00 *break time*

Chair: Corresp.-member **M.Ya. Marov**

- 16.30 Professor **J. Head** (USA), *Comparative planetology.*
- 17.00 Professor **M. Zuber** (USA), *Space investigation of internal planetary structure.*
- 17.30 *Close of the plenary session*