

## CONFERENCE

### “SOLAR RESEARCH AND INNOVATION METHODS IN SATELLITE INSTRUMENTS”

Moscow Engineering Physics Institute, Kashirskoe shosse, 31, Moscow

## October 2

Chair: Strikhanov M.N.

- 10:30 – 13:00 **V.D. Kuznetsov** (IZMIRAN, Russia) *From the first satellite to Solar space missions: Scientific results of project CORONAS-F*
- S.V. Kuzin** (P.N.Lebedev Institute, Russia) *Experiments of FIAN on X-ray imaging spectroscopy of the Sun as part of CORONAS program*
- Yu.D. Kotov, V.N. Yurov** (MEPhI, Russia) *Satellite project CORONAS-PHOTON: Main characteristics and present status*
- A.V. Stepanov** (GAO, Pulkovo, Russia) *Diagnostic of solar and star flare plasma by coronal seismology method*
- V.M. Grigoriev** (Institute of Solar-Terrestrial Physics, Russia) *Solar large-scale magnetic fields derived from observation on Siberian radio telescope*
- 13:00 – 15:00 *Lunch*
- 15:00 -17:00 **G.A. Bazilevskaja**<sup>2</sup>, **A.V. Bakaldin**, **A. Vacchi**<sup>4</sup>, **S.A. Voronov**<sup>1</sup>, **Yu.F. Gagarin**<sup>3</sup>, **A.M. Galper**<sup>1</sup>, **V.A. Dergachev**<sup>3</sup>, **S.V. Koldashov**<sup>1</sup>, **V.V. Mikhailov**<sup>1</sup>, **P. Picozza**<sup>4,5</sup>, **Yu.I. Stozhkov**<sup>2</sup>, (<sup>1</sup>MEPhI, Russia, <sup>2</sup>Lebedev Physical Institute, Russia, <sup>3</sup>Ioffe Physical Technical Institute, Russia, <sup>4</sup>INFN, Italy, <sup>5</sup>University of Rome “Tor Vergata”, Italy), *Study of nuclear, isotopic and ionic composition of solar cosmic rays in satellite experiments*
- V.A. Dergachev, Yu. E. Charikov** (Ioffe Physico-Technical Institute of the Russian Academy of Sciences, Russia) *Researches of X-ray solar flare radiation onboard Prognoz -5, -6, -7, CORONAS -I, -F*
- A. R. Rao** (Tata Institute of Fundamental Research, India) *Non-thermal Astrophysics: what we can learn from the Sun”?*
- Sandip K. Chakrabarti** (Centre for Space Physics, India) *Feasibility of Zone Plates as the X-ray imaging device in RT-2/CZT payload onboard CORONAS-PHOTON*
- Yu.I. Alikin**<sup>1</sup>, **K.V. Anufreychik**<sup>2</sup>, **M.V. Buntov**<sup>2</sup>, **I.V. Chulkov**<sup>2</sup>, **A.S.Glyanenko**<sup>3</sup>, **G.V. Ohmatovsky**<sup>1</sup>, **V.N. Yurov**<sup>3</sup>, (<sup>1</sup> Electromechanics Research Institute (NIIEM), Russia, <sup>2</sup> Space Research Institute of RAS, Russia, <sup>3</sup> MEPhI, Russia), *CORONAS-PHOTON onboard control and data readout complex for scientific instruments*