

High Energy Astrophysics Session

IKI, Meeting Room, 2nd floor

3 October

Chair: Rashid Sunyaev (member of RAS)

09:30-09:45 **Dr. Mikhail Pavlinsky** (IKI) *Spectr-RG project*

09:45-10:00 **Dr. Mikhail Revnivtsev** (IKI) *Nature of the Milky Way X-ray background*

10:00-10:30 **Prof. Joachim Truemper** (member of the Max Planck Society, German Academy of Natural Sciences Leopoldina, foreign member of RAS, Germany) *Thermal radiation from pulsars and isolated neutron stars*

10:30-10:45 **Dr. Alexey Vikhlinin** (IKI) *Studying Dark Energy in X-rays*

10:45-11:05 **Prof. Dmitry Varshalovich** (member of RAS, Ioffe Institute) *H₂/HD high redshift cloud*

11:05-11:20 **Dr. Evgeny Churazov** (IKI) *Cores of galaxy clusters*

11:20-11:50 **Prof. Yasuo Tanaka** (Foreign Associate of U.S. National Academy of Sciences, Member of the Royal Netherlands Academy of Arts and Sciences, External Scientific Member of Max-Planck-Institute für Extraterrestrische Physik, Japan) *Space Astronomy in Japan: Past and Future.*

11:50-13:10 **Lunch**

13:10-13:40 **Prof. Evgeny Mazets** (Corresponding member of RAS, Ioffe Institute) *The early history of X-ray and gamma-ray astronomy at Ioffe Institute*

13:40-14:10 **Prof. Alan Wells** (Leverhulme Emeritus Fellow at the Leicester University, UK) *Gamma Ray Burst discoveries from SWIFT and earlier missions*

14:10-14:25 **Dr. Marat Gilfanov** (IKI) *X-ray populations in galaxies*

14:25-14:45 **Prof. Anatoly Cherepashchuk** (member of RAS, Sternberg Institute) *INTEGRAL observations of microquasar SS43.*

14:45-15:00 **Dr. Sergey Sazonov** (IKI) *Population of local hard x-ray AGNs*

15:00-15:45 **Discussion.** With participation of RAS members **S.Gershtein** and **V.Zheleznyakov.**