

1 October 2018

10:00 – 10:30	MASAHIRO HOSHINO	Energy partition between ion and electron during magnetic reconnection	Japan
10:30 – 11:00	MICHAEL HESSE	Why is there a reconnection electric field? M. HESSE, C. NORGREN, P. TENFJORD, YI-HSIN LIU, LI-JEN CHEN, N. BESSHO, SH. WANG, J. BURCH, R. TORBERT	Norway
11:00 – 11:30	GAETANO ZIMBARDO	Nonlocal, multiscale transport in space and astrophysical plasmas: revisiting the fractional Fick's law	Italy

11:30 – 12:00 Coffee break

12:00 – 12:30	DOMINIQUE DELCOURT	Charged particle dynamics in thin current sheets : The cases of Earth and Mercury	France
12:30 – 13:00	ALEXANDER MILOVANOV	Power-law power spectra in the earth's magnetotail: making turbulence "self-organized" a.v. MILOVANOV, L.M. ZELENYI	Italy

13:00 – 14:00 Lunch

14:00 – 14:45	LEV ZELENYI		Russia
14:45 – 15:15	ANATOLY PETRUKOVICH	Multispacecraft observations of current sheets: from geophysics to plasmas A.A.PETRUKOVICH, A.V.ARTEMYEV, E.E.GRIGORENKO, H.V.MALOVA, L.M. ZELENYI	Russia
15:15 – 15:45	ALEXANDER SERGEEV	Femtosecond lasers and space debris	Russia
15:45 – 16:15	VLADIMIR FORTOV	Extreme States of Plasma in Space and on the Earth	Russia
16:15 – 18:00	Informal presentations, Celebration		

18:00 – 21:00 Reception

2 October 2018

10:00 – 10:30	JOERG BUECHNER	Reconnecting collisionless current sheets in plasmas – theory and simulations	Germany
10:30 – 11:00	VLADIMIR KUZNETSOV	Mhd shock waves in collisionless plasma with heat fluxes V.D. KUZNETSOV, A.I. OSIN	Russia
11:00 – 11:30	MIKHAIL PANASYUK	Injector problem in the dynamics of Earth's radiation belts	
11:30 – 12:00 Coffee break			
12:00 – 12:30	ELENA GRIGORENKO	Kinetic features of reconnection in the Earth's magnetotail and their manifestations near magnetic separatrix E.E. GRIGORENKO, L.M. ZELENYI, M.S. DOLGONOSOV, J.-A. SAUVAUD, M. HOSHINO, A. RUNOV, V. ANGELOPOULOS	Russia
12:30 – 13:00	ILДАР SHAIHISLAMOV	Current sheets in laboratory experiments I.F. SHAIKHISLAMOV, A.G. PONOMARENKO, YU.P. ZAKHAROV, V.G. POSUKH, ILP SB RAS	Russia
13:00 – 13:30	VIKTOR SERGEEV	Remote sensing of magnetotail current sheet during solar electron events V.A. SERGEEV, N.A. TSYGANENKO, E.I. GORDEEV, V.G. MERKIN, M.I. SITNOV, V. ANGELOPOULOS, A.V. RUNOV	Russia
13:30 – 14:30 Lunch			
14:30 – 15:00	VLADIMIR KRASNOSELSKIH	On the mechanism of radio emission in type III Solar Radiobursts V. KRASNOSELSKIKH, A. VOSCHEPYNETS, E. KONTAR, M. MAKSIMOVIC	France
15:00 – 15:30	EVGENY KUZNETSOV	Dynamics of frozen-in-fluid fields and its consequences in plasma physics	Russia
15:30 – 16:00	MIKHAIL BALIKHIN	Results of Cluster bow shock campaign: Fine structure of quasi-perpendicular shock front	UK

16:00 – 16:30 Coffee break

16:30 – 17:00 **VYACHESLAV BUDAEV** Control of multiscaling properties of strong turbulence **Russia**

17:00 – 17:30 **OLEG POKHOTELOV** Ionospheric response to the natural and man-made activity **Russia**

17:30 – 18:00 **MARYA RYAZANCEVA** Properties of plasma turbulence generated in various large-scale solar wind streams **Russia**
M.O.RIAZANTSEVA,
L.S. RAKHMANOVA,
V.S. BUDAEV,
G.N. ZASTENKER,
YU.I. YERMOLAEV,
I.G. LODKINA,
J. SAFRANKOVA,
Z. NEMECEK, L. PRECH

18:00 – 19:00 Concert

3 October 2018

10:00 – 10:30	ANDREY BYKOV	Nonlinear models of collisionless shocks modified by energetic particles	Russia
10:30 – 11:00	ANDREY POLNAREV	Primordial gravitational waves and pregalactic plasma	UK
11:00 – 11:30	ALEXANDER LUTOVINOV	Neutron stars from the birth to the merging	Russia
11:30 – 12:00	ILAN ROTH	New source of the Heliospheric Current sheets: Magnetic Knots and Solar Braids	USA
12:00 – 12:30	SERGEI POPEL	Dusty Plasmas at the Moon and in the System of Mars: Waves, Turbulence, Sheath-Like Structures SERGEY I. POPEL, LEV M. ZELENYI	Russia
12:00 – 12:30	OLEG VAISBERG	Working with IKI theoretician	Russia
12:30 – 13:00	MAXIM DOLGONOSOV	High-energy atmospheric physics in-between Earth and Space M. DOLGONOSOV, S. KLIMOV, A. CHILINGARIAN and Chibis team	Russia

13:00 – 13:30 Lunch