

General Program

Date	Venue	Time	Event	
September 7	Panorama	15.00-18.00	Registration (Lobby)	
September 8	Panorama	8.00-18.00	Registration (Lobby)	
		9.00-9.30	Opening ceremony (Central Hall)	
		9.30-10.15	Plenary lecture (Central Hall) High Voltage Setups for Runaway Electron Beam Generation in the Institute of Electrophysics UB RAS <u><i>S.A. Shunailov</i></u> Institute of Electrophysics UB RAS, Ekaterinburg, Russia	
		10.15-10.35	Coffee break	
		10.35-11.20	Plenary lecture (Central Hall) Pulsed Discharges in Aerospace Applications <u><i>A. Starikovskiy</i></u> Princeton University, Princeton, USA	
		11.20-12.05	Plenary lecture (Central Hall) Discharge-Emission Systems under Extreme Operating Conditions and their Application for Modification of Materials <u><i>E.M. Oks</i></u> Tomsk State University of Control Systems and Radioelectronics, Tomsk, Russia Institute of High Current Electronics SB RAS, Tomsk, Russia	
		12.05-12.20	Photographing	
		12.20-14.00	Lunch	
		14.00-16.10	Oral Session OS-1-1, Section 1 (Hall A)	Oral Session OS-2-1, Section 2 (Hall B)
		16.10-16.30	Coffee break	
		16.30-18.00	Oral Session OS-4-1, Section 4 (Hall A)	Oral Session OS-3-1, Section 3 (Hall B)
		18.00-21.00	Welcome party	

September 9	Panorama	9.00-18.00	Registration (Lobby)		
		9.00-9.45	Plenary lecture (Central Hall) Plasma Methods for Controlling Aerodynamic Flows <u><i>V.A. Yamshchikov</i></u> Institute for Electrophysics and Electric Power RAS, Saint Petersburg, Russia		
		9.45-10.30	Plenary lecture (Central Hall) Gas Discharge Plasma for Surface Modification of Insulating Materials <u><i>Cheng Zhang</i></u> Institute of Electrical Engineering CAS, Beijing, China University of Chinese Academy of Sciences, Beijing, China		
		10.30-10.45	Coffee break		
		10.45-11.30	Plenary lecture (Central Hall) Active Brownian Motion of Charged Grains in Plasma, Viscous Fluid, and Superfluid Helium <u><i>O.F. Petrov</i></u> Joint Institute for High Temperatures RAS, Moscow, Russia		
		11.30-12.15	Plenary lecture (Central Hall) Physical Models of Compact Sources of Neutrons and Charged Particles under the Action of Lasers and Pulsed Jets <u><i>S.V. Ryzhkov</i></u> Bauman Moscow State Technical University, Moscow, Russia		
		12.15-13.30	Lunch		
		13.30-15.40	Oral Session OS-1-2, Section 1 (Hall A)	Oral Session OS-2-2, Section 2 (Hall B)	
		15.40-15.55	Coffee break		
		15.55-18.00	Oral Session OS-4-2, Section 4 (Hall A)	Oral Session OS-3-2, Section 3 (Hall B)	

Date	Venue	Time	Event		
September 10	Panorama	9.00-12.15	Registration (Lobby)		
		09.00-10.30	Oral Session OS-1-3, Section 1 (Hall A)	Oral Session OS-2-3, Section 2 (Hall B)	
		10.30-10.45	Coffee break		
		10.45-12.15	Oral Session OS-4-3, Section 4 (Hall A)	Oral Session OS-3-3, Section 3 (Hall B)	
		12.15-14.00	Lunch, transfer to IEP		
	IEP	14.00-15.30	Poster Session, Sections 1 and 4 (IEP)	IEP excursion for Sections 2 and 3	
		15.30-17.00	Poster Session, Sections 2 and 3 (IEP)	IEP excursion for Sections 1 and 4	
September 11	Panorama	9.00-12.15	Registration (Lobby)		
		09.00-10.30	Oral Session OS-1-4, Section 1 (Hall A)	Oral Session OS-2-4, Section 2 (Hall B)	
		10.30-10.45	Coffee break		
		10.45-12.15	Oral Session OS-1-5, Section 1 (Hall A)	Oral Session OS-3-4, Section 3 (Hall B)	
		12.15-13.15	Lunch		
	Mariinsk	13.15-18.00	Excursion		
		18.00	Gala Dinner		
September 12	Panorama	10.00-18.00	Registration (Lobby)		
		10.00-11.25	Oral Session OS-1-6, Section 1 (Hall A)	Oral Session OS-2-5, Section 2 (Hall B)	
		11.25-11.40	Coffee break		
		11.40-13.00	Oral Session OS-1-7, Section 1 (Hall A)	Oral Session OS-2-6, Section 2 (Hall B)	
		13.00-14.00	Lunch		
		14.00-16.00	Oral Session OS-1-8, Section 1 (Hall A)	Oral Session OS-2-7, Section 2 (Hall B)	
		16.00-16.15	Coffee break		
		16.15-17.45	Oral Session OS-1-9, Section 1 (Hall A)	Oral Session OS-2-8, Section 2 (Hall B)	
		17.45-18.00	Closing ceremony		

Sections

1. Fundamental processes in low-temperature plasma:

low and high pressure discharges, near-electrode phenomena, radiation, ultrafast processes, diagnostics.

2. Gas-discharge methods for surface modification and coating deposition:

surface modification, ion implantation, combined methods of surface treatment.

3. Plasma-chemical, electrophysical and laser technologies:

environmental applications, production of nanopowders and functional materials.

4. Sources of low-temperature plasma:

generators of continuous, pulse-periodic and pulsed action, gas switches, power supply.

Plenary lecture: 45 min (40+5 minutes for questions)

Invited report: 25 min (20+5)

Oral report: 20 min (15+5)

