

Second IPM International Workshop on Plasma Dynamics
December 18 - 22, 2006
Tehran – IRAN

Schedule of Talks

Monday December 18th, 2006

Morning

09:00 – 09:30	OPENING SESSION	
Chair Person: B. Maraghechi	Title	
09:30 - 10:20	N. L. Tsintsadze	Exotic dust atoms and molecules (note)
10:20 - 10:50	B R E A K	
10:50 - 11:40	S. Kuhn	Recent progress in the understanding of the magnetized plasma-wall transition (note)
11:40 – 12:30	J. Rossbach	FLASH: A free-electron laser in Hamburg for powerful femtosecond pulses in the VUV wavelength regime (note)
12:30 - 14:00	L U N C H	

Afternoon

Chair Person: M. Murakami	Title	
14:00 - 14:50	N. Sadeghi	Use of cost-effective diode lasers for plasma diagnostics (note)
14:50 - 15:30	H. Abbasi	Vlasov simulation based on phase points trajectories
15:30 - 16:20	M. Mamun	Solitary and shock waves in dusty plasmas (note)
16:20 - 16:50	B R E A K	
Chair Person: A.A. Mamun		
16:50 - 17:30	H. Hakimi Pajouh	Dynamics of phase space electron hole (note)
17:30 – 18:10	J. Mahmoodi	Analytical study of spheroidal dust grain in a plasma

Tuesday December 19th, 2006

Morning

Chair Person: J. Rossbach		Title
09:00 - 09:50	M. Murakami	Study of extreme ultraviolet radiation (EUV) in laser-produced plasmas (note)
09:50 - 10:40	H. Suk	Laser-plasma accelerator research in Korea (note)
11:30 - 12:00	B R E A K	
Chair Person: N. L. Tsintsadze		
11:10 - 12:00	J. Rossbach	Accelerator physics and technology for high gain FELs (note)
12:00 - 12:40	B. Maraghechi	Interaction of waves in a free-electron laser with axial magnetic field (note)
12:40 - 14:00	L U N C H	

Afternoon

Chair Person: H. Suk		Title
14:00 - 14:50	B. Eliasson	Numerical modeling of the Earth's ionosphere (note)
14:50 - 15:30	R. Amrollahi	Coefficient of Bohm diffusion in fully ionized plasma and its theoretical proof (note)
15:30 - 16:10	H. Eshraghi	Special magnetic frame for a moving charged particle in a plasma (note)
16:10 - 16:40	B R E A K	
Chair Person: B. Farokhi		
16:40 - 17:20	B. Shokri	Plasma thrusters (note)
17:20 - 18:00	E. A. Kherani	The excitation of hydromagnetic waves in the ionosphere during the earthquake and tsunami (note)
	R E C E P T I O N	

Thursday December 21st, 2006

Morning

Chair Person: S. Kuhn		Title
09:00 - 09:50	N. L. Tsintsadze	Longitudinal photons in a relativistic magnetoplasma (note)
09:50 - 10:40	B. Eliasson	Dynamics of nonrelativistic and relativistic ion and electron holes in plasmas (note)
10:40 - 11:10	B R E A K	
Chair Person: H. Hakimi Pajouh		
11:10 - 12:00	N. Sadeghi	High sensitivity laser absorption techniques for absolute density measurements in plasmas (note)
12:00 - 12:40	M. A. Vesaghi	The effect of plasma pressure and RF power on the production of carbon-copper films (note)
12:40 - 14:00	L U N C H	
Afternoon		
14:00 - 18:00	POSTER SESSION	

Friday December 22nd, 2006

Morning

Chair Person: B. Eliasson		Title
09:00 - 09:50	M. Murakami	Plasma expansion into vacuum and ion acceleration (note)
09:50 - 10:40	H. Suk	Status of accelerator research and development in Korea (note)
10:40 - 11:10	B R E A K	
Chair Person: N. Sadeghi		
11:10 - 12:00	S. Kuhn	The ion polytropic coefficient in plasma-wall transition theory (note)
12:00 - 12:40	CLOSING SESSION	