

Agenda

Friday, Oct. 19th, 2012		
Session 1 Chair Jintai Lin	14:00-14:10	Opening remarks
	14:10-14:50	Plasma Physics: from Cosmology to Nanotechnology Xiaogang Wang ()
	14:50-15:50	Exploring the Peculiar Physical Properties and Possible Applications of Semiconductor Nanowires Dapeng Yu ()
15:50-16:20 Coffee break		
Session 2 Chair Qinghong Cao	16:20-16:30	Ferroelectric hybrid plasmonic waveguide for all-optical logic gate applications Zonghai Hu ()
	16:30-16:40	Fluid simulations of plasma turbulence Bo Li ()
	16:40-16:50	Observational Evidences of a Tornado in Beijing during the Heavy Rainfall Event of 21 July 2012 Zhiyong Meng ()
	16:50-17:00	Miniature Spectrometer based on opto-fluidic device Kebin Shi ()
Saturday, Oct. 20th, 2012		
Session 3 Chair Lin Zhang	8:30-8:40	Sensitivity of summertime surface ozone to surface temperature over Southeastern U.S.: interannual variability during 1987-2010 as a diagnostic for model chemical mechanism Zongmei Fu ()
	8:40-8:50	Probe missing Et performances via hadronic recoil technique applied to jets plus Zee Events Dayong Wang ()
	8:50-9:00	On The Continuous Development of PKU Global Shallow Water Model Xinyu Wen ()
	9:00-9:10	Highly unidirectional and ultralow-threshold lasing from an optical microresonator Yunfeng Xiao ()

	9:10-9:20	Indium tin oxide-free polymer solar cells using PEDOT:PSS/Ag/PEDOT:PSS multilayer as transparent anode Bo Qu ()
	9:20-9:30	Coexistence of Bulk and Surface Shubnikov-de Haas Oscillations in Bi_2Se_3 Chi Zhang ()
9:30-10:00 Coffee break		
Session 4 Chair Chi Zhang	10:00-10:10	Homogeneous crystal nucleation near a metastable fluid-fluid phase transition Limei Xu ()
	10:10-10:20	Source attribution of background ozone over the US intermountain West Lin Zhang ()
	10:20-10:30	Solid-state nanopores for DNA single-molecule analysis Qing Zhao ()
	10:30-10:40	Transport in nanoscale superconductors and topological insulators Jian Wang
	10:40-11:00	Measuring Top-Quark Polarization in Top Pair plus Missing Energy Events Qinghong Cao ()
11:00-noon Poster Session		
Saturday afternoon, Excursion		

Note:

Time allocation for each oral presentation is 10 minutes (8 minutes for talk plus 2 minutes for Q/A). The speakers are expected to focus on giving a **general introduction**