SNU– PKU – U-Tokyo Joint Workshop on Strongly Correlated Materials

Jan 11-12 , 2020

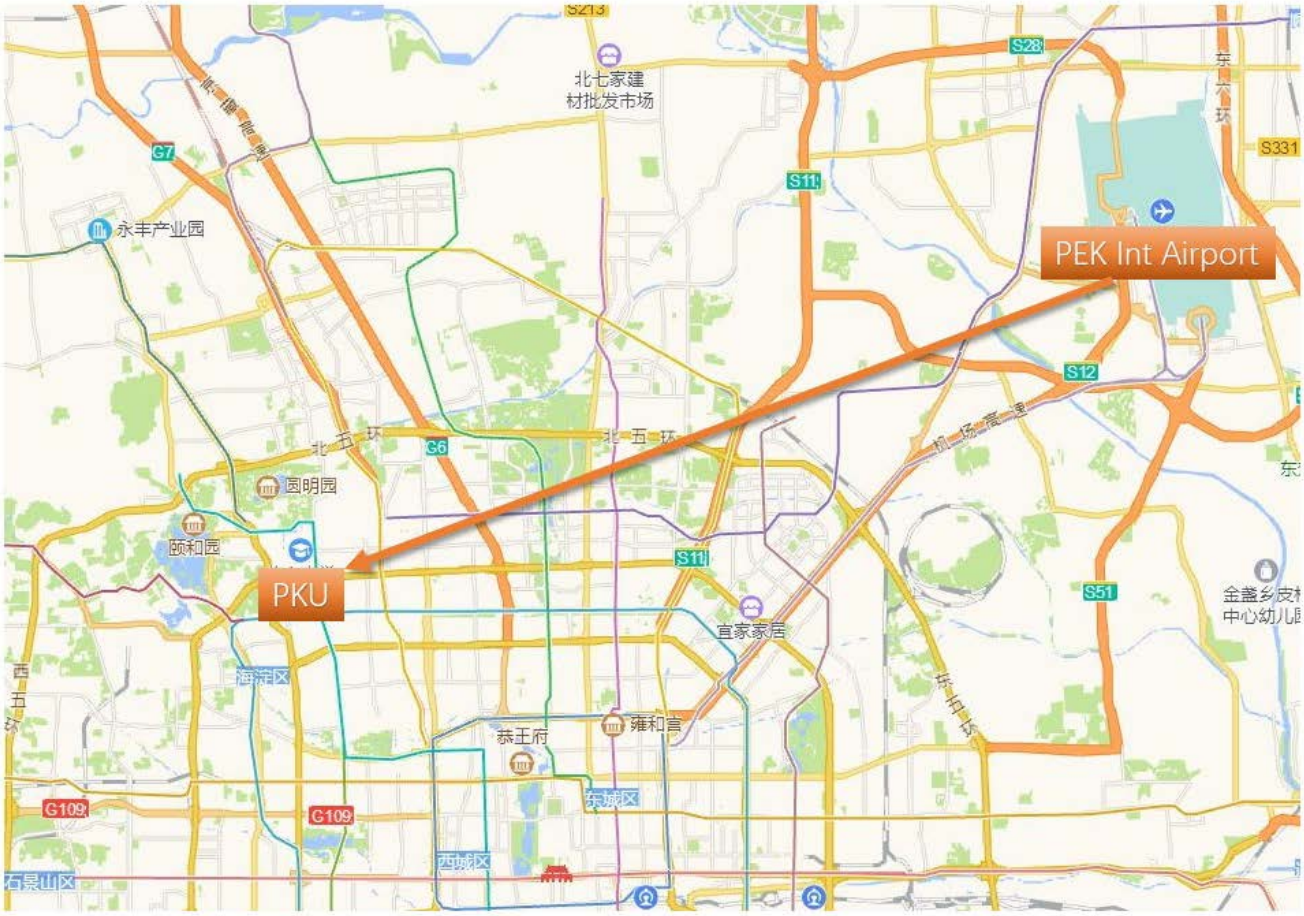
Saturday, January 11		
Time	Speaker	Title
9:30-12:30	Arrival	
12:30-14:00	Lunch & Preparation	
14:00-14:10	Opening remarks	
14:10-14:35	Kousuke Ishida	Unusual electronic nematicity in heavily hole doped iron-based superconductors
14:35-15:00	Cong Cai	Momentum-dependent nematic susceptibility in FeSe superconductor
15:00-15:30	Coffee break/ Group Photo	
15:30-15:55	Yoonshik Kim	Nematic phase studies of iron-based superconductors
15:55-16:20	Zhendong Jin	Neutron Scattering study of helical magnet MnSi
16:20-18:00	Poster session	
18:00-20:00	Dinner	

Sunday, January 12		
Time	Speaker	Title
9:00-9:25	Qiaomei Liu	Photoinduced phase transition in excitonic insulator Ta_2NiSe_5.
9:25-9:50	Minji Noh	Optoelectronic valley-locked spin photocurrent generation using WSe_2-Bi_2Se_3 heterostructure
9:50-10:15	Hui Yang	Effect of defects in superconducting phase of twisted bilayer graphene
10:15-10:30	Coffee break	
10:30-10:55	Takeshi HAYASHIDA	Electric-field-induced optical rotation in centrosymmetric systems
10:55-11:20	Xitong Xu	Chern gapped Dirac Fermions in the Kagome magnet $TbMn_6Sn_6$
11:20-11:45	Seungchan WOO	Semiclassical Boltzmann magnetotransport theory in topological materials
11:45-12:00	Closing remarks	
12:00-14:00	Lunch	
14:00-17:00	Lab tour/Departure	

No.	Name	Poster Title
1	Ohei Tanaka	Field-angle-resolved specific heat measurements on a Kitaev spin liquid Candidate α-$RuCl_3$
2	Sunghoon KIM	Tunable quantum interference effect on magnetoconductivity in few-layer black phosphorus
3	Yeahan Sur	Pressure induced Lifshitz transition and commensurate charge density wave disappearance in 2H-Pd_xTaSe_2
4	Chang Bae Park	Discovery of type II multiferroics originated from p-d hybridization in a layered van der Waals material $CuCrP_2S_6$
5	Taewoong Yoon	Deterministic laser characterization of single photon emitter in 2D materials
6	Youngdo Kim	Thin film growth of high Tc cuprates
7	Hyeok-Jun Heo	Optical Interferometry for Characterization of 2D Quantum Materials
8	Hangyeol Park	Accessing Thermodynamic Quantities of Correlated Electronic Systems via Electric- and Magnetic- Field Sensing Techniques
9	Tsukasa KATSUYOSHI	Optical magnetoelectric effect in antiferromagnetic $Pb(TiO)Cu_4(PO_4)_4$ with square cupola clusters
10	Lei Chen	ARPES study on surface doped $Ba_{1-x}K_xFe_2As_2$
11	Yudi Wang	Band insulator to Mott insulator transition in 1T-TaS_2
12	Tingting Han	Isostructural SDW and SC gap anisotropy in $Sr_{1-x}Na_xFe_2As_2$
13	WeiLiang Yao	Anisotropic magnetism of $Na_2Co_2TeO_6$ single crystals
14	Li Yue	Pristine and disorder-perturbed charge density waves in $ZrTe_3$
15	Guanhong He	RIXS study of magnetic exchange energy in Hg1201 and Hg1212

No.	Name	Poster Title
16	Xintong Li	Evolution of pair and charge density waves in overdoped $Bi_2Sr_2CuO_{6+\delta}$
17	Guang Yang	Semiclassical equations of motion across dimensions
18	Qian Xiao	Doping dependence of phonon anomalies in $(Bi,Pb)_2(Sr,La)_2CuO_6$ revealed by inelastic X-ray scattering
19	Wenlong Ma	A quantum-limit kagome Chern magnet $TbMn_6Sn_6$
20	Yiyuan Liu	Colossal Magnetoresistance in a new Rare Earth Zintl Compound $Eu_2Sn_{1-x}In_{1+x}P_3$
21	Huibin Zhou	Scaling of the anomalous Hall effect in kagome magnet $Co_3Sn_{2-x}In_xS_2$
22	Li-Yu Shi	Observation of magnon-polariton in polar antiferromagnet $Fe_2Mo_3O_8$ by time-domain terahertz spectroscopy;
23	Zi-Xiao Wang	Photoinduced hidden CDW state and relaxation dynamics of 1T-TaS_2 probed by time-resolved terahertz spectroscopy;
24	Si-Jie Zhang	Photo-induced nonequilibrium response in underdoped $YBa_2Cu_3O_{6+x}$ probed by time-resolved terahertz spectroscopy;

Map & direction



From airport to PKU

Taxi: 45min~1.5hr depending on traffic condition. It will cost around 120rmb/car. Please ask the driver to take you to the school of physics, Peking University. “请带我去北京大学物理学院，地点在北京大学东门外，成府路和中关村北大街路口。”

From PKU to airport

Taxi: 45min~1.5hr depending on traffic condition. It will cost around 120rmb/car. “请带我去北京首都国际机场 T2/T3 航站楼。”

Workshop:

It takes 5min to walk from hotel to school of physics. The conference room is room W202.

Hotel:

Please check in at the front desk of the hotel (Building #1). Please provide your name, passport, and name of the workshop.

Dining:

We will have lunch and dinner in Yiyuan Restaurant. You can also find some restaurants and supermarkets nearby.

Contacts:

If you find any problem, please contact Yan Zhang, tel: 86-18518026466