

Tuesday, Aug. 19, 2014, Room 234, Building M, IOPCAS		
Chair	Time	Speaker / Affiliation / Title
ChangQing JIN	8:30-8:40	Welcome Address
	8:40-9:20	HoKwang MAO, HPSTAR, China The Revolutionary Multigrain Crystallography Method for High-Pressure X-ray Diffraction
	9:20-9:30	Taking Group Photo
	9:30-10:00	Coffee break
YuSheng ZHAO	10:00-10:30	Bjoern WINKLER, Institut für Geowissenschaften, Goethe Universitaet, Germany Synthesis of novel materials in the laser heated diamond anvil cell
	10:30-11:00	ShengNian LUO, The Peac Institute of Multiscale Sciences, China Time-resolved X-ray diffraction under high strain-rate loading
	11:00-11:30	JiYong ZHAO, APS, Argonne National Laboratory, USA New Materials, New Challenges: Application of Nuclear Resonant Scattering at Extreme Conditions
	11:30-12:00	RuKang Li, Technical Institute of Physics and Chemistry, CAS, China Structure Design and Crystal Growth of Deep UV Birefringent Crystal
12:00-14:00 Lunch (Wuke Hotel Restaurant, 4th Floor)		
WenWu CAO	14:00-14:30	WeiQiang YU, Renmin University of China
	14:30-15:00	WeiWei ZHANG, China Agriculture University The new chemistry in Na-Cl system at high pressure
	15:00-15:30	Ke HE, Tsinghua University, China Quantum anomalous Hall effect in magnetically doped topological insulator
	15:30-15:50	Coffee break
Bjoern WINKLER	15:50-16:20	WenWu CAO, Pennsylvania State University, USA & Harbin Institute of Technology, China Influence of crystal environment on quantum transfers in rare-earth ions and related applications
	16:20-16:50	Qiang LI, Tsinghua University, China Electric field induced phase transition in (Pb,Lu)(Zr,Sn,Ti)O ₃ antiferroelectric single crystal near MPB
	16:50-17:20	RiCheng YU, Institute of Physics, CAS, China Phase transitions of C ₆₀ nanotubes/nanowhiskers under different external fields
	17:20-17:40	JunYe YANG, Institute of Physics, CAS, China Pressure-Induced Intermetallic Charge Transfer and Ferroelectric Polarization in a Metal-Organic Framework
18:00-20:00 Dinner (Wuke Hotel Restaurant, 4th Floor)		

Wednesday, Aug. 20, 2014, Room 234, Building M, IOPCAS		
Chair	Time	Speaker / Affiliation / Title
Rajeev AHUJA	8:30-9:00	Esen Ercan ALP, APS, Argonne National Laboratory, USA Extracting phonon physics from novel materials under high pressure
	9:00-9:30	Jiu-Hua CHEN, Florida International University, USA & HPSTAR, China Pressure-induced transition in grain boundary effect on compressibility of diamond
	9:30-10:00	GuoYin SHEN, HPCAT, USA
	10:00-10:20	Coffee break
JiuHua CHEN	10:20-10:50	HaiQing LIN, Beijing Computational Science Research Center (CSRC), China Study of Superconductivities in Polycyclic Aromatic Hydrocarbon
	10:50-11:20	JiJun ZHAO, Dalian University of Technology, China New carbon allotropes: R3-carbon and sp3 cross-linked three dimensional graphene monoliths
	11:20-11:50	WeiTao ZHENG, Jilin University, China Structural Design of Superhard Materials under High Pressure
12:00-14:00 Lunch (Wuke Hotel Restaurant, 4 th Floor)		
JiJun ZHAO	14:00-14:30	ZheMing WANG, Peking University, China Phase Transitions, Negative Thermal Expansion, and Coexistence of Magnetic and Electric Orderings in Some Ammonium Metal Formate Frameworks
	14:30-15:00	SiPing PANG, Beijing Institute of Technology, China Cage energetic materials: structures, energy and stability
	15:00-15:30	XiaoDong HAN, Beijing University of Technology, China Crossover Plasticity Mechanisms in Nano Single-and Polycrystalline Metals: By in situ atomic scale mechanical microscopy
	15:30-15:50	Coffee break
WeiTao ZHENG	15:50-16:20	ZhaoHua CHENG, Institute of Physics, CAS, China Manipulating Magnetic Anisotropy and Ultrafast Spin Dynamics of Magnetic Nanostructures
	16:20-16:50	Yang SUN, Institute of Physics, CAS, China Multiferroics and magnetoelectric effects in perovskite metal-organic frameworks
	16:50-17:10	LingLing TAO, Institute of Physics, CAS, China Tunneling magnetoresistance in Fe ₃ Si/MgO/Fe ₃ Si(001) magnetic tunnel junctions
	17:10-17:30	HaiSheng GUO, Xi'an Jiaotong University, China Progress of PIN-PMN-PT crystals
18:00-20:00 Banquet (Wenjing Hotel)		

Thursday, Aug. 21, 2014, Room 234, Building M, IOPCAS		
Chair	Time	Speaker / Affiliation / Title
Esen Ercan ALP	8:30-9:00	Rajeev AHUJA, Uppsala University, Sweden Metal Carbides & hydrides : Structure and Superconductivity under high pressure
	9:00-9:30	Jung-Fu Lin, University of Texas at Austin, USA & HPSTAR, China Transition Metal Compounds in Extreme Environments
	9:30-10:00	XiLian JIN, Jilin University, China High-Pressure Induced New Phases and Properties in Typical Molecular Systems
	10:00-10:20	Coffee break
JungFu LIN	10:20-10:50	Ping XU, Nanjing University, China On-chip generation and manipulation of entangled photons based on lithium niobate crystals
	10:50-11:20	Masaki AZUMA, Tokyo Institute of Technology, Japan Melting of Pb charge glass and simultaneous Pb-Cr charge transfer in PbCrO ₃
	11:20-11:50	Yu Wang, Xi'an Jiaotong University, China Strain glass and its multi-functional properties
12:00-14:00 Lunch (Wuke Hotel Restaurant, 3 rd Floor)		
XiaoDong HAN	14:00-14:30	Kuo LI, HPSTAR, China Pressure-induced Polymerization of Unsaturated Compound and Enhanced Conductivity
	14:30-15:00	Ya GAO, Tsinghua University, China Electric-field modulated 180° magnetization switching in multiferroic heterostructures
	15:00-15:30	WeiZhong HAN, Xi'an Jiaotong University, China Deformation and Failure of Shocked Bulk Cu-Nb Nanolaminates
	15:30-15:50	Coffee break
JiYong ZHAO	15:50-16:20	Zheng DENG, Institute of Physics, CAS, China
	16:20-16:50	XiaoLong FAN, Lanzhou University, China Spin rectification in Fe single crystal films
	16:50-17:10	Students Awards
	17:10	Summary Remark
18:00-20:00 Dinner (Wuke Hotel Restaurant, 3 rd Floor)		