



A3 Foresight Program *Joint Research on Novel Properties of Complex Oxides*

Dec 7-9, 2008, Fudan University, Shanghai, China

Dec 7, 2008 (Sun.)			
	Time	Speaker	Title
Chairman: Shin-ichi Uchida			
0	9:00-9:15	Opening Ceremony	
1	9:15-9:40	Atsushi Fujimori	Enhanced Superconducting Gap and Kink Energies in Trilayer Bi2223
2	9:40-10:05	Changyoung Kim	Electron-AF Fluctuation Coupling in Electron Doped Cuprates
3	10:05-10:30	Qianghua Wang	Pairing Symmetry and Physical Properties in Iron-based Superconductors
Coffee break (10:30-10:45)			
Chairman: Changyoung Kim			
4	10:45-11:10	Hyoung Joon Choi	First-principles Study of Electronic and Superconducting Properties of FeAs Superconductors
5	11:10-11:35	Byung-Ki Cho	Low Dimensional Intermediate Valence Fluctuation in Single Crystalline YbB ₄
6	11:35-12:00	Jung Hoon Han	Theory of Magnetic Field-induced Metaelectric Critical End Point in BiMn ₂ O ₅
Lunch and Posters(12:00-13:30)			
Chairman: Jung Hoon Han			
7	13:30-13:55	Sung-Ik Lee	Is Infinite Layer Superconductor Sr _{0.9} La _{0.1} CuO ₂ the S-wave Superconductor?
8	13:55-14:20	Naoto Nagaosa	Broken Time-reversal Symmetry at the Junction Between the Two-gap and Usual Superconductors
9	14:20-14:45	Teppei Yoshida	Two-Gap Behavior of La _{2-x} Sr _x CuO ₄ : Universal versus Material-Dependent Properties
10	14:45-15:10	Kenji M. Kojima	Two-Gap Energy Scales Observed by the C-axis Optical Spectroscopy
Coffee break and Posters (15:10-16:20)			
Chairman: Atsushi Fujimori			
11	16:20-16:45	Kenya Shimada	High-resolution ARPES Study of Many-body Interactions in Metals

12	16:45-17:10	Ivana Vobornik	Advanced Approach to Photoemission Experiments on the Beamline APE @ Elettra
13	17:10-17:35	Bruce A. Davidson	Engineering Ferromagnetic Correlations at Oxide Interfaces
14	17:35-18:00	Shancai Wang	Spectro-microscopy of Single and Multi-layer Graphene Supported by a Weakly Interacting Substrate
Dec 8, 2008 (Mon.)			
Chairman: Xianhui Chen			
1	9:00-9:25	Se-Jung Oh	Spin-Orbit Coupling Induced Mott State in 5d Transition Metal Oxide
2	9:25-9:50	Shin-ichi Uchida	Common Ingredients for High-Tc between Cuprates and Fe Pnictides
3	9:50-10:15	Nanlin Wang	Probing Charge Dynamics of Complex Materials from Infrared Spectroscopy
Coffee break & Photo (10:15-10:35)			
Chairman: Hiroshi Eisaki			
4	10:35-11:00	Xianhui Chen	Superconductivity and Isotope Effect in High-Tc Pnictide Superconductors
5	11:00-11:25	Sadamichi Maekawa	Local Structure and Electronic States in Cuprates and Fe-Pnictides
6	11:25-11:50	Donglai Feng	Band Structure and Electronic Signature of the Spin Density Waves in 122-iron-pnictides
7	11:50-12:15	Yan Chen	Two-band Model for Unconventional Superconductivity in Iron-Based Superconductors
Lunch (12:15-13:30)			
Chairman: Se-Jung Oh			
8	13:30-13:55	Zheng-Yu Weng	Spin-roton Excitation in High-Tc Cuprates
9	13:55-14:20	Shiping Feng	Magnetic Field Induced Incommensurate Resonance in Cuprate Superconductors
10	14:20-14:45	Yayu Wang	CDW Origin of the Cuprate Checkerboard Visualized by STM
11	14:45-15:10	Tao Xiang	Linear Susceptibility and Antiferromagnetic Fluctuations in Iron-based Superconductors
Coffee break (15:10-15:30)			
Chairman: Tao Xiang			
12	15:30-15:55	Hiroshi Eisaki	Synthesis and Physical Properties of Oxygen Deficient LnFeAsO_{1-y} Superconductors
13	15:55-16:20	Zhu'an Xu	Thermoelectric Effects of Fe(Ni)-based Pnictide Superconductors
14	16:20-16:45	Toshimitsu Ito	Transport Properties and Pressure Effects in Iron-based Superconductors and Related Compounds
15	16:45-17:10	Shiyan Li	Thermodynamic Properties of Iron-based High-Tc Superconductors
17:30-21:00 Banquet			