

The 3rd Super-PIRE REIMEI Workshop on Frontiers of Condensed Matter Physics  
March 17 (Mon) - 21 (Fri), 2014 at the Institute of Physics, Beijing, China

Conference Chairs: Nan Lin Wang and Tomo Uemura

Organizing Committee: Changqing Jin, Sadamichi Maekawa, Elvezio Morenzeni, Shin-ichi Uchida

FCMP: Lectures: 50 min talk + 10 min discussion

INV: General invited talks; 25 min talk + 5 min discussion

GRT: Graduate student talks: 17 min talk + 3 min discussion

FCMP Talks:

Piers Coleman	USA	Rutgers	Thurs 1	Progress and Mystery of Heavy Fermions
Kazushi Kanoda	Japan	Tokyo	Wed 1	Organic systems: spin liquid and charge glass
Bernhard Keimer	Germany	MPI	Mon 2	Cuprates: charge/spin fluctuations and orders
Alessandra Lanzara	USA	Berkeley	Thurs 2	ARPES with Laser excitations
Dung-Hai Lee	USA	Berkeley	Tue 3	Cuprates: Models and Topological aspects
Sadamichi Maekawa	Japan	JAEA ASRC	Mon 1	Power Spintronics with spin current and heat
Naoto Nagaosa	Japan	Tokyo/RIKEN	Tue 2	Topological systems, phenomena, and new physics
Christian Pfleiderer	Germany	TU Munich	Wed 4 (simul)	Skyrmions
Alain Sacuto	France	Paris-Diderot	Wed 2	Raman studies of cuprates and FeAs systems
Shinichi Uchida	Japan	Tokyo	Fri 1	Cuprate charge order: Workshop Summary
Yayu Wang	China	Tsinghua	Thurs 3	STM of cuprates and FeAs systems
Hai Hu Wen	China	Nanjing	Mon 3	Overview of Fe-based and other systems
Qikun Xue	China	Tsinghua	Tue 1	Topological Insulators, Heterostructures, FeSe

INV Talks

Simon Billinge	USA	Columbia	Thurs 4	PDF and MuSR of Cu(Ir,Cr)2S4
Steve Blundell	UK	Oxford	Wed 1	Organic and Fe-based systems
Xian-hui Chen	USTC	China	Tue 4	Fe-based superconducting systems
Pengcheng Dai	USA	Rice	Mon 3	neutron scattering studies of Fe-based systems
Hong Ding	China	IOP	Wed 3	ARPES of Fe-based superconductors
Andrea Damascelli	Canada	UBC	Mon 2	Charge Order of Bi2201 cuprates
Rafael Fernandes	USA	Minnesota	Thurs 1 (simul)	Nematic correlations in FeAs systems

Donglai Feng	China	Fudan	Wed 3	ARPES of Fe-based superconductors
Atsushi Fujimori	Japan	Tokyo	Wed 3	ARPES studies of DMS systems (Ga,Mn)As and (In,Fe)As
Tatsuo Goko	Swiss	PSI	Tue 4	MuSR studies of topological superconductors
Bo Gu	Japan	JAEA ASRC	Wed 4	Theory of new Fe-based DMS systems
Wataru Higemoto	Japan	JAEA ASRC	Thurs 4	Current status and future plans of JPARC muon
Jiangping Hu	USA	Purdue	Tue 3	Theory of FeAs systems
Changqing Jin	China	IOP	Mon 4	Novel doped magnetic semiconductor systems
Hiroshi Kageyama	Japan	Kyoto	Mon 3	Novel Ti-based superconductors BaTi <sub>2</sub> (As,Sb) <sub>2</sub> O
Kenji Kojima	Japan	KEK	Thurs 4	MuSR in (Cu,Zn)Ir <sub>2</sub> S <sub>4</sub> and cuprate films
Markus Kriener	Japan	RIKEN	Tue 1	Cu <sub>x</sub> Bi <sub>2</sub> Se <sub>3</sub> and other topological superconductors
Yuan Li	China	Peking U	Thurs 4	Hg <sub>1201</sub> probed by neutrons, photons and muons
Emilia Morosan	USA	Rice	Wed 4	New itinerant magnets and quantum criticality
Fumihiko Nakamura	Japan	Kurume Tech	Wed 2	Electric field induced Mott transition in Ca <sub>2</sub> RuO <sub>4</sub>
Fanlong Ning	China	Zhejiang	Mon 4	Novel DMS systems: synthesis and NMR
Abhai Pasupathy	USA	Columbia	Thurs 3	STM studies of CDW and superconducting systems
Shinichiro Seki	Japan	RIKEN	Tue 2	Skyrions in multiferroic insulator Cu <sub>2</sub> OSeO <sub>3</sub>
Qimiao Si	USA	Rice	Tue 3	Quantum criticality and novel superconductors
Javier Tejada	Spain	Barcelona	Mon 4	Quantum nano magnetism
Tomo Uemura	USA	Columbia	Mon 1	Multi-probe characterization of Ba(Fe,Ni) <sub>2</sub> As <sub>2</sub>
Nan Lin Wang	China	IOP	Thurs 2	Optical studies of Fe-based systems
Shuichi Wakimoto	Japan	JAEA ASRC	Thurs 3	neutron scattering studies of overdoped cuprates
Weiqian Yu	China	Renmin	Tue 4	NMR studies of Fe-based superconductors
XingJiang Zhou	China	IOP	Wed 3	ARPES studies of cuprates and Fe-based systems
Igor Zutic	USA	Buffalo	Mon 4	Spin phenomena of quantum dots and wells

GRT

Ben Frandsen	USA	Columbia	Fri 1	MuSR studies of Fe-based superconductors
Lian Liu	USA	Columbia	Fri 1	MuSR studies of Skyrmion systems
Hakuto Suzuki	Japan	Tokyo	Fri 1	Photoemission/dichlorism from new DMS systems

Poster Sension      Fri 2

Lu Yu	China	IOP	Tue 5	Dinner Banquet welcoming Speech
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(all the speakers are confirmed)      (simul = simulcast via internet)

Event Plans

8:45-10:15 10:40-12:10 2:00-4:00 4:30-6:30

Mar 16 (Sunday) Welcoming Reception (4:30 - 8:30)  
 Mar 17 (Monday) Mon 1 Mon 2 Mon 3 Mon 4  
 Mar 18 (Tuesday) Tue 1 Tue 2 Tue 3 Tue 4 (ends 6:00 PM) Dinner Banquet (7:00-9:00 PM)  
 Mar 19 (Wednesday) Wed 1 Wed 2 Wed 3 Wed 4  
 Mar 20 (Thursday) Thurs 1 Thurs 2 Thurs 3 Thurs 4  
 Mar 21 (Friday) Fri 1 (to 10:45) Fri 2 (11:15-12:45 = Poster) Lunch Banquet (1:00-2:45; @ Wuke) Lab Tour (3:00 - )

Accommodation Foreign FCMP and INV speakers: Jade Palace Hotel (organizers will book / pay)  
 Foreign Graduate Students Wuke Hotel (organizers will book / pay)

No Registration Fee required

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Graduate Students and Post-docs participation

Columbia	USA	18
Rice	USA	2
Tokyo	Japan	1
IOP	China	?
Tsinghua	China	?
Renmin	China	6
Peking U	China	?
Zhejiang	China	6 to 8
USTC	China	?
Nanjing	China	?
Fudan	China	2 ro 3

Session speakers (alphabet order; F=FCMP; G=GRT)

Mon 1	Maekawa (F), Uemura
Mon 2	Damascelli, Keimer (F)
Mon 3	Dai, Kageyama, Wen (F)
Mon 4	Jin, Ning, Tejada, Zudic
Tue 1	Kriener, Xue (F)
Tue 2	Nagaosa (F), Seki
Tue 3	Hu, Lee (F), Si
Tue 4	Chen, Goko, Yu
Wed 1	Blundell, Kanoda (F)
Wed 2	Nakamura, Sacuto (F)
Wed 3	Ding, Feng, Fujimori, Zhou
Wed 4	Gu, Morosan, Pfliederer (F)
Thurs 1	Coleman (F), Fernandes
Thurs 2	Lanzara (F), NL Wang
Thurs 3	Pasupathy, Wakimoto, YY Wang (F)
Thurs 4	Billinge, Higemoto, Kojima, Li
Fri 1	Frandsen (G), Liu (G), Suzuki (G), Uchida (F)

Chair  
 NL Wang  
 Uchida  
 Zhou  
 Maekawa  
 Lee  
 Keimer  
 Coleman  
 Jin  
 Tejada  
 Fujimori  
 Lanzara  
 Seki  
 YY Wang  
 Sacuto  
 Dai  
 Goko  
 Uemura

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