

ICTP – [The Abdus Salam International Centre for Theoretical Physics](#), Trieste, Italy

smr1232/Announcement

(as of 13.04.00)

XII WORKSHOP on

"STRONGLY CORRELATED ELECTRON SYSTEMS"

17 - 28 July 2000

(Miramare - Trieste, Italy)

co-sponsored by Asia Pacific Centre for Theoretical Physics, Seoul, Korea

Organizers: G. Baskaran (IMS, Madras, India); *P. Coleman (CMT Rutgers, Piscataway, USA); M. Fabrizio (SISSA ICTP, Trieste, Italy); A. Georges (Ecole Normale and Orsay, France); G. Kotliar (CMT Rutgers, Piscataway, USA); E. Tosatti (SISSA ICTP, Trieste, Italy); A. Tsvelik (Oxford, UK) and YU Lu (ICTP, Trieste, Italy Acad. Sinica, Beijing, China)

*co-ordinator

The twelfth of this successful series of workshops, entitled

"STRONG CORRELATION IN THE HIGH T_c ERA"

will focus on the physics of high temperature superconductivity, bringing together leading experimentalists and theorists in the area to discuss the key issues which confront us in this field. The meeting will continue its commitment to a broad overview of current developments in strong correlation

Topics of special attention include:

Open issues and recent progress on high temperature superconductivity;
Novel phenomena in perovskite materials;
Physics of low dimensional materials, including ladder compounds;
Heavy fermion physics;
Realizations of correlated electron physics in mesoscopic devices.

The following participants have accepted our invitation:

G. Aeppli	(NEC, Princeton)	B. Keimer	(Stuttgart)
H. Alloul	(U. Paris-Sud, Orsay)	Y.B. Kim	(Columbus)
H. Amitsuka	(Hokkaido)	C. Langhammer	(MPI, Dresden)
P.W. Anderson	(Princeton)	P. Lee	(MIT)
Y. Ando	(CRIEPI, Tokyo)	G. Lonzarich	(Cambridge)
N. Andrei	(Piscataway)	A. Lopatnikova	(Harvard)
M. Aronson	(Michigan)	A. Mackenzie	(Birmingham)
D. Basov	(UCSD, San Diego)	R. McKenzie	(New South Wales)
K. Behnia	(ESPCI CNRS, Paris)	E. Miranda	(UNICAMP)
G. Blumberg	(Lucent Bell Labs)	K. Moler	(Stanford)
C.H. Booth	(Berkeley Nat. Lab.)	R. Narayanan	(Oxford)
Q. Chen	(Chicago)	N.P. Ong	(Princeton)
R. Chitra	(ILL, Grenoble)	E. Orignac	(Piscataway)
A. Chubukov	(Wisconsin)	O. Parcollet	(Piscataway)
J. Cooper	(Cambridge)	C. Pepin	(Oxford)
S.J.C. Davis	(U. California)	R. Ramazashvili	(Illinois)

ICTP: smr1232/Announcement

B. Doucot	(LPTHE, Jussieu)	A. Rosch	(Princeton/Karlsruhe)
D. Drew	(Maryland)	S. Sachdev	(Yale)
F. Essler	(Warwick)	N. Sato	(Nagoya)
Z. Fisk	(Tallahassee)	J. Schmalian	(Iowa State)
A. Fujimori	(Tokyo)	A. Schofield	(Birmingham)
L. Glazman	(Minnesota)	Z.X. Shen	(Stanford Univ.)
A. Gogolin	(Imperial, London)	Q. Si	(RICE Univ.)
D. Goldhaber-Gordon	(Harvard)	S. Sorella	(SISSA)
M.S. Golden	(IFW, Dresden)	F. Steglich	(Dresden)
A.F. Ho	(Oxford)	H. Takagi	(Tokyo)
C. Hooley	(Rutgers)	O. Trovarelli	(MPI - Dresden)
D. Jerome	(Orsay)	D. van der Marel	(Groningen)
P. Johnson	(Brookhaven)	V. Yakovenko	(Maryland)

Scientists and students from all countries that are members of the UN, UNESCO or IAEA may attend the Workshop. The main purpose of the Centre is to help research workers from developing countries within a framework of international cooperation. However, students and post-doctoral scientists from developed countries are also welcome to attend. The Abdus Salam International Centre for Theoretical Physics can provide funds to cover local expenses for a very limited number of participants, to be selected by the Organizers. The APCTP (Asia Pacific Center for Theoretical Physics) funds will be used to support participants from its member states. Participants should preferably have completed several years of study and research after a first degree. As the Workshop will be conducted in English, participants should have an adequate working knowledge of that language.

The deadline for application is 30 April 2000.

The request for participation form, attached to this announcement (also obtainable via e-mail to: smr1232@ictp.trieste.it, by typing on the subject line "get index", or via WWW Server: <http://www.ictp.trieste.it/>), should be completed and sent to:

XII Workshop on Strongly Correlated Electron Systems
(smr1232)
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Trieste, February 2000

SMR. 1232
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(17 - 28 JULY 2000)
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 BACK to [ICTP smr1232](#)