

SCIENTIFIC PROGRAM

The SCES'07 program will consist of a series of invited talks, contributed talks, and poster sessions. The list of invited speakers will appear at the conference website starting January 2007. The contributed talks will be selected from the contributed abstracts submitted before the deadline (January 15, 2007). Ample time will be devoted to poster sessions.

BCS@50 SPECIAL EVENING SYMPOSIUM

The symposium will celebrate the 50th anniversary of the theory of superconductivity by Bardeen, Cooper, and Schrieffer.

TENTATIVE SCHEDULE

	Sun 5/13	Mon 5/14	Tue 5/15	Wed 5/16	Thu 5/17	Fri 5/18
morning	General Session 8:30–10 a.m.	General Session 8:30–10 a.m.	General Session 8:30–10 a.m.	General Session 8:30–10 a.m.	General Session 8:30–10 a.m.	General Session 8:30–10 a.m.
	Break 10–10:30 a.m.	Break 10–10:30 a.m.	Break 10–10:30 a.m.	Break 10–10:30 a.m.	Break 10–10:30 a.m.	Break 10–10:30 a.m.
early afternoon	General Session 10:30 a.m. – 12 noon	General Session 10:30 a.m. – 12 noon	General Session 10:30 a.m. – 12 noon	General Session 10:30 a.m. – 12 noon	General Session 10:30 a.m. – 12 noon	General Session 10:30 a.m. – 12 noon
	Lunch 12 noon – 1 p.m.	Lunch 12 noon – 1 p.m.	Free Time/ Optional Tours 12 noon – 6 p.m.	Lunch 12 noon – 1 p.m.	Lunch 12 noon – 1 p.m.	Lunch 12 noon – 1 p.m.
	Poster Sessions 1–3 p.m.	Poster Sessions 1–3 p.m.	Organized Tours: Space Center Houston, Houston Museums, Galveston Historical District, Houston City Tour	Poster Sessions 1–3 p.m.	Poster Sessions 1–3 p.m.	Poster Sessions 1–3 p.m.
late afternoon	Concurrent Sessions 3–4:30 p.m.	Concurrent Sessions 3–4:30 p.m.	Concurrent Sessions 3–4:30 p.m.	Concurrent Sessions 3–4:30 p.m.	General Session 3–4:30 p.m.	General Session 3–4:30 p.m.
	Break 4:30–5 p.m.			Break 4:30–5 p.m.	Break 4:30–5 p.m.	Break 4:30–5 p.m.
evening	Concurrent Sessions 5–6:30 p.m.	Free Time	Concurrent Sessions 5–6:30 p.m.	Concurrent Sessions 5–6:30 p.m.	Closing Session 5–6 p.m.	Closing Session 5–6 p.m.
	“Welcome to Houston” Reception Hilton: Ballroom of the Americas 6–8 p.m.	BCS@50 Symposium 8–10 p.m.	Houston Museum of Natural Science Banquet: “Cool Science” 7–10 p.m.	Optional Events		

ACCOMPANYING PERSONS PROGRAM

Major Houston attractions are within easy reach of the conference site. A Monday breakfast and special briefing by City concierge personnel will help individuals to avail themselves of the many activities available.

LOCAL ORGANIZING COMMITTEE

A. Abanov (TAMU), C. J. Bolech (Rice, Abstracts), S. Butler (UH, Administration), U. Cantu (Rice, Administration), J. Chan (LSU), C. W. Chu (UH), P. Dai (Oak Ridge), J. F. DiTusa (LSU), R.-R. Du (Rice, Student Awards), A. Litvinchuk (UH), B. Lorenz (UH, Publications), J. Meen (UH, Student Awards), D. Natelson (Rice), S. Pan (UH, Abstracts), Q. Si (Rice), J. Sinova (TAMU), C.-S. Ting (UH, Student Awards), I. Vekhter (LSU, Publications), D. Young (LSU), J.-X. Zhu (Los Alamos)

PROGRAM COMMITTEE

E. Abrahams (Piscataway, Chair), G. Aeppli (London), M. C. Aronson (Ann Arbor), P. A. Lee (Cambridge, MA), M. B. Maple (La Jolla)

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*to be confirmed

THE INTERNATIONAL CONFERENCE ON STRONGLY CORRELATED ELECTRON SYSTEMS



May 13–18, 2007
Houston, Texas, USA

SECOND ANNOUNCEMENT

Call For Abstracts

Organized by Rice University
and University of Houston



UNIVERSITY OF HOUSTON
Learning. Leading.

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SCOPE

SCES'07 will cover a wide range of topics in the diverse area of strongly correlated systems. The focus will be on quantum phase transitions, non-Fermi liquid phenomena, quantum magnetism, unconventional superconductivity, and metal-insulator transitions. Both experimental and theoretical work will be highlighted. Mathematical models and computational studies will also be covered. The conference will not only provide a forum to present new research and exchange new ideas, but also introduce the subjects to junior researchers.

SCES'07 will add Houston to the long list of cities that welcomed the conference series: Sendai ('92), San Diego ('93), Amsterdam ('94), Goa ('95), Zürich ('96), Paris ('98), Nagano ('99), Ann Arbor ('01), Krakow ('02), Karlsruhe ('04), and Vienna ('05). Every three years since 1997, SCES has joined the triennial International Conference on Magnetism, held in Cairns ('97), Recife ('00), Rome ('03), and Kyoto ('06).

CONFERENCE VENUE

Houston, fourth largest city in the U.S., is a leader in technology, business, entertainment, and the arts. Home of NASA's Johnson Space Center and the largest concentration of medical professionals in the world, the city is known for its cutting-edge research and technology development. It is also renowned for its superb arts and entertainment scene. Houston houses five major league sports teams, including the 2005 National League Champion Houston Astros. Our Museum District is home to 15 institutions, including the Museum of Fine Arts, Houston, the sixth largest museum in the country, and the Houston Museum of Natural Science. Houston is one of only five cities in the U.S. with resident companies in the four disciplines of the performing arts, all found within the 17-block Theater District in downtown Houston.

A ride on the METRO Light Rail from downtown will take SCES'07 participants through the Texas Medical Center, the Museum District, Rice University, and the Houston Zoo. Other area attractions include Space Center Houston, the official visitors' center for NASA/JSC; the Kemah Boardwalk; the Downtown Aquarium; and historic Galveston Island. Houston offers entertainment day and night, with international cuisine available within walking distance of the SCES'07 conference site, the Hilton Americas-Houston. We invite you to our vibrant city and look forward to hosting you at SCES'07.

LIST OF TOPICS

- Quantum phase transitions
- Heavy fermion systems
- Quantum magnetism and frustrated magnets
- High temperature superconductivity
- Organic conductors and magnets
- Low dimensional systems
- Non-Fermi liquids and exotic quantum phases
- Unconventional and novel superconductors
- Kondo impurity and Kondo lattice systems
- Mott-Hubbard systems
- Interplay between spin-, charge-, and orbital degrees of freedom
- Correlated electrons in nanostructures
- Quantum Hall liquids
- Mathematical models and computational studies
- Correlated atoms in optical lattices
- New developments

ABSTRACTS

Contributions falling within the list of topics are welcome. Abstracts should be submitted along with registration via the conference website. At least one author of each presented contribution must be registered at the conference. The deadline for abstract submission is January 15, 2007. For abstract submission details, please visit www.sces07.rice.edu.

PROCEEDINGS

Authors of accepted contributions to SCES'07 are invited to submit a manuscript to be published in a special issue of *Physica B*. All papers will be subject to standard refereeing procedures. Each registered participant is entitled to submit one paper for publication. Guidelines for manuscript preparation will be posted to the website, so check back for more information.

ACCOMMODATION

A special discounted hotel conference rate is provided at the Hilton Americas-Houston for all conference participants. Reservations may be booked directly via www.sces07.rice.edu. A Roommate Matching Service is being provided for the convenience of participants. SCES'07 cannot guarantee a roommate, but will be glad to assist in facilitating the exchange of information. Please visit the conference website for additional information.

REGISTRATION

On-line pre-registration is mandatory for all conference attendees. Please visit the On-line Registration Portal at www.sces07.rice.edu for pre-registration, which allows access to the payment process, registration of accompanying persons, abstract submission, and further announcements.

IMPORTANT DATES AND DEADLINES—2007

Abstract submission deadline	January 15
Notice of abstract acceptance	February 15
Early registration deadline	April 1
Hotel reservation deadline	April 1
Manuscript submission deadline	April 1

FEES

	Reduced (prior to April 1)	Standard (after April 1)
Full Participants*	440US\$	490US\$
Student Participants**	340US\$	390US\$
Accompanying Persons***	120US\$	140US\$

Note: Payment must be made in US\$ by credit card or bank transfer. After May 1, payment must be made on-site.

* includes Reception, Banquet, all technical sessions and materials, CD copy of the Proceedings, Breaks, Program/Abstract Book

** includes Reception, Banquet, all technical sessions and materials, Breaks, Program/Abstract Book

*** includes welcome briefing and breakfast, Reception, Banquet

A hard copy of the Proceedings may be purchased separately for 95US\$.

A limited number of **Young Investigator Awards** (partial registration waiver and travel assistance) will be awarded to students and postdoctoral fellows. Please refer to www.sces07.rice.edu for additional details.

CONFERENCE CONTACTS

Co-Chairmen: Q. Si (Rice) & C. W. Chu (UH)

Administrators: Umbe Cantu (Rice) & Sue Butler (UH)

Website: www.sces07.rice.edu

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