



Oct 26th-29th, 2010

Overview

ICAM workshop on *Novel Emergent Phenomena Created by Spatial Confinement*

Workshop organizers: [E. W. Plummer](#), [I. Vekhter](#), [J. Zhang](#)

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A plethora of recent studies has demonstrated that creating surfaces, interfaces, ultra-thin films, wires, and artificial superstructures adds new dimensions to novel emergent phenomena of correlated electron materials (CEMs). This workshop will bring together the practitioners in surface and interface physics with people in materials science to discuss how to exploit advanced surface science techniques to study the emergent properties of CEMS in an environment with broken symmetry, reduced dimensionality and spatial confinement. The workshop will feature a series of invited talks with ample time for open discussion and a poster session, a total of 40-60 participants are expected.

Important Dates:

- Registration/travel award application deadline: **Sept. 26, 2010**
- Abstract submission deadline **Sept. 30, 2010**

News & Announcements

Sponsors



This ICAM-I2CAM Workshop will bring together both prominent & junior scientists. Participation of students & postdoctoral fellows is strongly encouraged and several fellowships will be awarded specifically to support travel of early-career scientists.



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List of Invited Speakers

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Jacques Chakhalian* (University of Arkansas)
Andrea Damascelli * (University of British-Columbia)
Milan Allan* (Cornell University)
Zhong Fang (Institute of Phys. Chinese Academy of Science)
John Freeland * (Argonne National Lab)
Jiandong Guo* (Institute of Phys. Chinese Academy of Science)
Arun Gupta* (University of Alabama)
Helen He* (University of California-Berkeley)
Gertjan Koster* (University of Twente, Netherlands)
Ansgar Liebsch* (Forschungszentrum Jülich)
Ulrike Lüders* (Lab CRISMAT, France)
Rob Moore* (Stanford University)
Xiaoqing Pan* (University of Michigan)
Victor Pardo Castro * (University of California-Davis)
Kyle Shen* (Cornell University)
Zac Ward* (Oak Ridge National Lab)
Yimei Zhu* (Brookhaven National Lab)

* Confirmed invited speaker



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Registration/Application

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Individuals wishing to attend this workshop must complete an online application form via the workshop Web Page. Those asking for travel support must complete a separate application form.

It is important that applications be submitted as soon as possible in order to receive prompt consideration by the workshop organizers.

Applications should be submitted via the web. In order to assemble a scientifically-excellent and diverse group applicants are admitted to the workshop by the organizers based on the information provided on the application. Applications are encouraged from all scientists active in the research area of the workshop.

We invite scientifically qualified conferees of any sex, age, race, color and national origin to apply. Attendance at this workshop is limited to approximately 60 conferees.

If you are accepted, please complete your registration immediately with payment to assure your attendance. The registration fee is \$100 by September 26, 2010, or \$150 for participants who register after that date. Conference fee is \$50 for LSU participants.

[Click here for downloading the registration/application form](http://www.phys.lsu.edu/ICAM/)
(<http://www.phys.lsu.edu/ICAM/>)

Travel awards are available.

For the registration payment, send a check for 100 US Dollars, payable to Louisiana State University. Please send your check to:

Karen Richard
Dept. of Physics and Astronomy
Louisiana State University
202 Nicholson Hall,
Baton Rouge, LA 70803 USA



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Travel award application

A limited amount of travel support is available for graduate students and postdoctoral researchers who wish to attend the conference. Travel awards are sponsored by the Institute for Complex Adaptive Matter (www.i2cam.org). The deadline for applying travel award is on September 26, 2010.

Please contact Prof. Jiandi Zhang at jiandiz@lsu.edu (phone: 225-578-4103) for details about travel award application.

LSU participants not applicable for travel awards.

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Abstract Submission

Please send your abstract (one page with title, speaker and affiliation, abstract, and possible references) through email to

Prof. Jiandi Zhang at jiandiz@lsu.edu

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Logistics & Travel

Directions:

Link to Cook Conference Center & Hotel at LSU:

<http://www.thecookhotel.com/>

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Lodging

The workshop will be held at the Cook Conference Center & Hotel, Louisiana State University (LSU) which is on the LSU campus, Baton Rouge, Louisiana, USA. Except for the invited speakers, we would like to ask each participant to make his/her own travel arrangements. There are a limited number of rooms reserved for the participants of the workshop at the Cook Conference Center & Hotel.

When you make their reservation, please mention that you are attending the ICAM Workshop

[Click here for reservations](#)

Contact Tammy Brown if you experience problems with reserving a room.

Tammy Brown, the Director of Sales
Cook Conference Center & Hotel
3848 W Lakeshore Dr
Baton Rouge, LA 70808-4600, USA
(225) 383-2665
E-mail: Tammy@lsualumni.org



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Local Information

Baton Rouge is the capital of Louisiana, with a metropolitan area population of more than 700,000. It is the home of Louisiana State University (LSU) and located on the Mississippi River, about a one-hour drive northwest of New Orleans. The region is famous for its blues and jazz music scenes, its culinary delights, nightlife and Southern and Cajun heritage.

A [list of local restaurants](#) is available.

Parking

The Cook Conference Center has plenty of free parking. (No parking tag needed). The inner part of campus has restricted access on weekdays. Parking is available at the Visitor Center, Parker Coliseum or commuter lots off Nicholson Extension. A parking permit is required to park in these lots. You can pick up a permit at the Visitor Center located at the intersection of Highland Road and Dalrymple Drive upon arrival--please allow ample time for parking and walking.

Directions to LSU's Campus

Louisiana State University welcomes more than one million visitors every year, and most of those visitors arrive via the interstate system. The directions below offer the easiest routes to the campus from the interstate. We recommend that you visit the Visitor Information Center to obtain detailed campus directions, a parking permit, and parking instructions. The Visitors Information Center is located at the corner of Highland Road and Dalrymple Drive ([Visitor Center Map](#)).

From I-10:

Route 1: Exit at Nicholson Dr./Highland Rd. (Exit 155A). Take Highland Rd. to Dalrymple Dr. (about 1.4 miles). Route 2: Exit at Dalrymple Dr. (Exit 156B). Both eastbound and westbound traffic will take a right onto Dalrymple Dr. from the off-ramp. Take Dalrymple Dr. to Highland Rd. (about 0.5 mile). Route 3: Exit at Acadian Thruway (Exit 157B). If exiting from the eastbound off-ramp you will take a right onto Acadian Thruway; if exiting from the westbound off-ramp you will take a left onto Acadian Thruway. Take Acadian Thruway (which turns into Stanford Avenue and then into LSU Avenue) to Highland Rd. Take a right onto Highland Rd. Take Highland Rd. to Dalrymple Dr. (about 1.8 miles)