First Announcement

October 21, 2004

Dear Colleagues,

I am pleased to announce and invite you to participate in the 12th International Workshop on RF Superconductivity (SRF2005) to be held July 10 – 15, 2005 on the Cornell University campus, Ithaca, NY, USA. The Workshop will be hosted by the Laboratory for Elementary-Particle Physics.

RF superconductivity has become an important technology for accelerators at the energy and luminosity frontiers, as well as at the cutting edge of nuclear physics, basic materials, and life sciences. There has been an explosion in the number of accelerator applications and in the number of laboratories engaged in the field.

Continuing the tradition of eleven successful workshops starting in 1980, the 12th workshop will cover the latest advances in the science, technology, and applications of RF superconductivity to particle accelerators. Our program will review the status of applications in-stream as well as exciting prospects for the future. As customary, there will be invited review talks on many aspects of SRF technology, as well as two afternoon poster sessions for contributed papers. Steady advances in SRF science and technology are responsible for a spectacular increase in performance level since the large installations of the 1990’s. Guided discussions on hot topics will form a lively session where we can look forward to new developments. A special session will be devoted to doctoral dissertations on RF superconductivity topics. On the first day of the meeting, there will be tutorial sessions for newcomers on various aspects of the field.

We look forward to hearing about the exciting developments in the field.

Please visit our workshop website for more details and updates. The workshop website address is http://www.lepp.cornell.edu/public/SRF2005. I look forward to seeing you in Ithaca.

Sincerely yours,

Prof. Hasan Padamsee, Workshop Chairman
Scientific Program

Call for Abstracts

An online abstract submission form for the SRF2005 Workshop will be available on the SRF2005 home page beginning January 15, 2005. Participants must register to be able to submit abstracts. The deadline for submitting abstracts is June 1, 2005.

Workshop Site

The workshop will be held on the Cornell University campus. Plenary sessions and tutorials will be in the Olin Hall Auditorium (rm. 145). Poster sessions and an industrial exhibition will be in the Willard Straight Hall Memorial Room. The workshop office (rm. 216), publication and registration office (Olin Hall Lounge, rm. 128), and computer room (rm. 155) will be located in Olin Hall. Wireless internet access will be set up in Olin Hall.

Tutorials

Following the SRF2003 workshop, we decided to have tutorials for students and individuals new to the field of RF superconductivity. A special session, exclusively for tutorials, will take place in the Olin Hall Auditorium on Sunday from 9:00 a.m. to 3:30 p.m., with lunch break from noon till 2:00 p.m. The tutorial program will be announced at a later date.

Plenary Sessions

Plenary sessions will be held in the Olin Hall Auditorium on Monday (all day) and in the mornings on Tuesday, Wednesday, Thursday, and Friday. The morning sessions will start at 8:30 a.m. and end at 12:30 p.m. The Monday afternoon session will start at 2:00 and end at 5:30.

Poster Sessions

Two poster sessions are scheduled for Tuesday and Thursday afternoon from 2:00 p.m. to 5:00 p.m. in the Willard Straight Hall Memorial Room. Posters must be mounted half an hour before the poster session begins, attended through at least the major part of the session, and removed immediately after the end of each session. Workshop staff will be available prior to each poster session to assist authors.

Industrial Exhibition

An industrial exhibition will be open Tuesday and Thursday during poster sessions in the Willard Straight Hall Memorial Room.
Registration

Participants are required to register in advance. An online registration form is available from the workshop website. The registration fee covers proceedings (CD-ROM only), abstracts, conference program, welcome reception, picnic, banquet, tours, and refreshment breaks. The registration fee can be paid by credit card or check—details are provided on the workshop website. Registration fees are noted below.

- Early registration *(payments received by June 1, 2005)* $500.00
- Late registration *(payments received after June 1, 2005)* $550.00
- Early registration for students *(by June 1, 2005)* $100.00
- Registration for companions $100.00
- Additional proceedings (books) $50.00
- Additional proceedings (extra copy of CD-ROM) $10.00

The registration fee for companions includes the welcome reception, banquet, and Watkins Glen tour/Taughannock State Park picnic. There are also additional companion events that carry separate fees (see Companion Program section). The fees for these Companion Program events will be announced later.

The deadline for early registration is June 1, 2005. Acknowledgement of registration will be automatically e-mailed to each participant upon receipt of the electronic registration form. Acknowledgement of payment will be made upon receipt of payment. Paper receipts will be distributed to participants during registration at the workshop.

Cancellation requests must be submitted in writing via mail or fax to the workshop Organizing Committee. Refunds will be in full if the request is received before June 25, 2005. A cancellation fee of $200.00 will be charged for refund requests received on or after June 25, 2005. No refunds are possible for requests received after July 1, 2005.

Accommodations

We have reserved rooms in three Ithaca hotels (Holiday Inn, Clarion Hotel, Ramada Inn). Reservations should be made under SRF2005. The reservation deadline is June 8, 2005. Although it may still be possible to make reservations after the deadline, there will be no guarantee for available rooms. See more details on the workshop website under Accommodations. Busses will be arranged to bring participants and companions from the hotels to Cornell in the morning and back to the hotels in the evening.

In addition to hotels, a limited number of rooms will be available in Cornell University’s Cascadilla Hall, a dorm conveniently located on campus.

We discourage bringing cars to campus. Visitor parking is by permit only, and parking space is limited and may be in a remote location. If you absolutely must bring your car to campus, please contact the Organizing Committee to arrange for a permit (permit fee charged). For people staying in Cascadilla Hall, parking can be arranged near the dorm, but you need to contact us in advance to get the permit (permit fee charged).
Travel information

The Ithaca Tompkins Regional Airport is a 10-minute drive from campus and downtown areas. Note: Sole carrier is US Airways. Local bus, van, and taxi service is also available. All hotels provide shuttles from Ithaca airport.

Syracuse Hancock International Airport in Syracuse, NY, is approximately 60 miles north of Cornell University with an estimated driving time of 1 hour and 30 minutes. For people arriving Saturday afternoon and Sunday, we will arrange shuttle bus service with Ithaca Airline Limousine. Schedule for the shuttle buses and more details will be provided later. Please reserve the shuttle bus transportation with us in advance to secure space on the bus. Participants will have to pay for the shuttle bus transportation. If you will arrive outside shuttle bus schedule, please refer to the Cornell Travel Information site.

Visas

If you need a personal letter of invitation to attend the workshop, please register immediately and then contact Monica Wesley (e-mail: man5@cornell.edu) and provide your complete mailing address (including phone and fax numbers). Your letter will be mailed to you, so request it well in advance of when you expect to need it. Note that SRF2005 cannot intervene with U.S. Embassies abroad or with the State Department in Washington, DC, on behalf of any participant. If you are unable to attend the Workshop because of a visa related problem, the registration fee will be refunded to you in full upon receiving a cancellation request in writing via mail or fax before July 1. Refunds will not be possible after July 1, 2005.

Insurance and Emergency

Cornell University will not be responsible for medical expenses, accidents, losses or other unexpected occurrences. Participants are advised to arrange for any insurance they regard necessary.

Student support

A limited amount of money will be available to support student participation in SRF2005. Students have to apply for financial support by sending a letter of recommendation written by their supervisor no later than May 1, 2005. Letters should be mailed or faxed to:

Prof. Hasan Padamsee
Newman Laboratory
Cornell University
Ithaca, NY 14853-5001
USA
Fax: (607) 254-4552
Conference Tours and Social Program

A tour of CESR and SRF facilities is planned for the afternoon of Friday, July 15 (after the end of the workshop).

There are several social events planned: a welcome reception in the Willard Straight Hall Memorial Room on Sunday, July 10; three boat tours aboard M/V Manhatten on Sunday, July 10, and on Monday, July 12 from 6 till 9 p.m. (two tours); a concert at the Cornell Performance Arts Center on Tuesday, July 12; a tour to Watkins Glen State Park followed by a picnic at Taughannock State Park on Wednesday, July 13; a banquet on Thursday, July 14.

Companion Program (Tentative)

**Sunday**  
Tour of Ithaca Area Water Falls  
Late morning/early afternoon visit of Ithaca Falls and Buttermilk Falls, followed by a break at Ithaca Bakery (coffee and snack), and trip to beautiful gorge and water falls in the Robert H. Treman State Park, including short hike along the gorge. Welcome reception in the Willard Straight Hall Memorial Room in the evening is included in the companion’s registration fee.

**Monday**  
Women’s History Museum and Tour of Local Wineries  
Visit Women’s History Museum in Seneca Falls followed by the tour of several Finger Lakes wineries, including lunch at one of them.

**Tuesday**  
Shopping in Carousel Center  
Shopping tour to the largest super-regional mall in central New York, located in Syracuse.

**Wednesday**  
Cornell Plantations and Johnson Museum  
A guided walk through the botanic garden of Cornell Plantations, followed by a guided tour of the Herbert F. Johnson Museum of Art. After lunch, companions will join workshop participants for a tour of Watkins Glen State Park and a picnic at Taughannock State Park. The afternoon program is included in the companion’s registration fee.

**Thursday**  
Corning Glass Museum and Rockwell Museum  
Bus trip to Corning to visit famous Corning Glass Museum, the home to the world’s most comprehensive and celebrated collection of glass. Lunch at a downtown restaurant will be followed by a tour of the Rockwell Museum of Western Art.

**Friday**  
Harriet Tubman House and Seward House  
Historic tour of Auburn landmarks/museums: Harriet Tubman House and Seward House. Lunch at the historic Aurora Inn.

http://www.lepp.cornell.edu/public/SRF2005
Deadlines and Special dates

Deadlines

Abstract submission       June 1, 2005
Early registration        June 1, 2005
Students have to apply for financial support by June 1, 2005
Hotel reservation at workshop rate   June 8, 2005
Paper submission         September 16, 2005

Special Dates

Welcome reception       July 10
Boat tours             July 10 and 12, 2005
Concert                July 12
Tour to Watkins Glen and picnic July 13, 2005
Banquet                July 14, 2005
CESR/SRF tours         July 15, 2005

Committees

Program Committee

C. Antoine    Saclay
E. Chiaveri   CERN
P. Kneisel    Jefferson Lab
S. Noguchi    KEK
H. Padamsee   Cornell University (Workshop Chairman)
V. Palmieri    INFN di Legnaro
D. Proch      DESY
D. Schrage    Los Alamos
K. Shepard    Argonne

Local Organizing Committee

D. Bakula
S. Belomestnykh
B. Bortz
M. Liepe
H. Padamsee (Workshop Chairman)
M. Wesley

Companion Program Sub-Committee

I. Almirall-Padamsee (Chair)
N. Belomestnykh
L. Liepe
J. Quigley
L. Shemelina
Floor plan of the Olin Hall (first floor)

- Tutorials and plenary sessions
- Computer room
- Registration and publication office