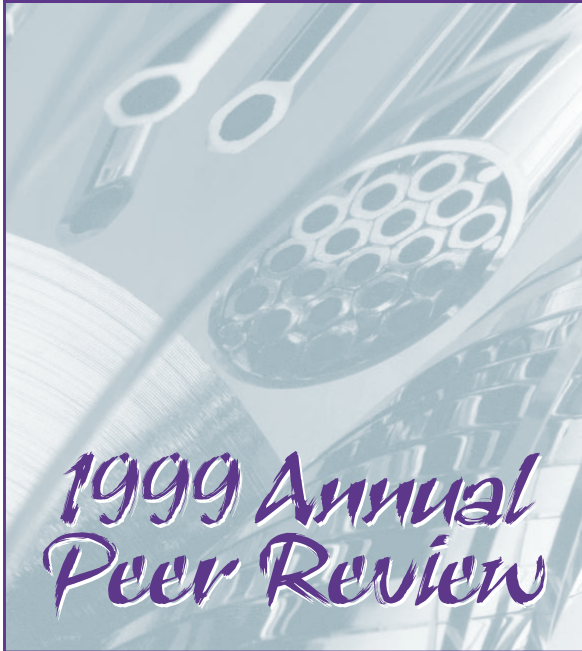


SUPERCONDUCTIVITY PROGRAM FOR ELECTRIC SYSTEMS



1999 Annual Peer Review

July 26-27, 1999
Washington D.C.

The DOE Superconductivity Program is guiding the evolution of HTS from an exciting scientific discovery to useful application in a variety of new, super-efficient, energy saving electric power systems. Independent evaluation of the Program's progress is the goal of the Annual Peer Review, in which research results and future plans are presented to panels of experts before a public audience. This format has been extremely successful in providing continuous improvement of program quality, accountability for responsible use of public funds, and rapid dissemination of key research results to U.S. industry.

The 1999 Annual Peer Review will be held in three concurrent sessions: First Generation Wire Technology, Second Generation Wire Technology, and Systems Technology. In addition, this year there will be a review component that evaluates progress made by the four universities funded by the Program. Another new feature this year is a Cryogenics "Vision" Meeting, in which the Program's industry partners will develop a vision statement for cryogenics activities within the Program. The Cryogenics Vision Meeting will take place concurrently with the other sessions of the Peer Review, and is a separate event from the Cryogenics Workshop that follows the Peer Review.

MONDAY, JULY 26, 1999

8:00 am Registration/Continental Breakfast
 8:30 am Welcome Address
 8:45 am Existing SPI Project Updates
 Reliance Southwire
 Waukesha Pirelli
 9:30 am Break
 10:00 am Begin Annual Peer Review:
 First Generation Wire Session
 Second Generation Wire Session
 Systems Session
 12:00 pm Lunch
 1:00 pm First Generation Wire Session
 Second Generation Wire Session
 Systems Session
 3:00 pm Break
 3:30 pm First Generation Wire Session
 Second Generation Wire Session
 Systems Session
 4:45 pm Adjourn for the day

5:30 pm Reception & New SPI Poster Session

Boeing General Atomics
 DuPont ABB

7:00 pm Optional Boat Cruise

TUESDAY, JULY 27, 1999

8:00 am Continental Breakfast
 8:30 am University Review Session
 Second Generation Wire Session
 Systems Session
 Cryogenics "Vision" Meeting*
 10:30 am Break
 10:45 am University Review Session
 Second Generation Wire Session
 Systems Session
 Cryogenics "Vision" Meeting*
 12:45 pm Lunch and Peer Review
 Closing Remarks
 2:00 pm Cryogenics Workshop
 – Roadmap Approach
 – Vision Meeting Findings
 4:30 pm Adjourn

**For invited SPI participants and cryogenics manufacturers*

Cryogenics Workshop

We are entering a new phase of R&D planning following the findings of last year's Cryogenics Needs workshop. That exploratory workshop posed the question: Will practical cryogenic refrigerators be available to meet the needs of emerging superconducting power systems over the next five years? What is needed now is a "technology development roadmap" to guide future research efforts towards improving cryogenics for HTS power systems.

This workshop represents the next step to address core issues of an industry-led cryogenic systems development roadmap:

- Industry-developed vision statement
- Critical performance and cost targets
- Major barriers and trade-offs
- R&D needs and timetable
- Roles for industry and government

This workshop will present the findings from the "Vision" Meeting where cryogenic manufacturers and those engaged in developing HTS power applications have been in discussions aimed at achieving a common, clear idea of where we should be in order to have commercially acceptable HTS power systems and what it will take to get there.

Registration

Please complete and return the accompanying registration form with the registration fee of **\$200.00** by **July 9, 1999**. Registration fee covers meals, production of the proceedings document, and hotel meeting space. Make checks payable to Energetics, Incorporated. (Energetics is acting on behalf of the sponsor.) You will receive a confirmation letter once your registration has been processed. Registration forms must be received by **July 9, 1999**.

Hotel Reservations and Information

The meeting will be held at the Loews L'Enfant Plaza Hotel in Washington, DC. A block of rooms has been reserved at a special rate of \$115.00 (plus tax) per night for single occupancy and \$135.00 (plus tax) for double occupancy. The cut-off date for the group rate is **July 6, 1999**. After that date, the group rate cannot be guaranteed. Call the hotel at **(202) 484-1000** to make your reservation. State the group name: DOE Superconductivity.

Special Event

Monday, July 26, 1999



Join us for a dinner cruise at sunset. Leaving from its dock in southwest Washington, the *Finished Business* will cruise the Potomac River. We will walk (or take a cab) to the dock following the reception at the hotel. The boat will leave the dock at 7 pm and return about 10 pm. The cost per person is \$50.00 and must be prepaid. Please make reservations early as capacity is limited to 50 people. The event is subject to cancellation (with full refund) if the minimum number of participants is not met. Please make checks payable to Energetics, Incorporated.

Travel

Airport	Washington National
Taxi fare	About \$10.00
Metro	The L'Enfant Plaza Metro station is located below the hotel — Take the Orange, Blue, Yellow, or Green line to L'Enfant Plaza.
Parking	Valet parking at \$14.00 per day/ \$16.00 for hotel guests.

Cancellations/Refunds

Please notify Energetics Conference Services in writing **by July 16, 1999**, if you need to cancel your plans to attend the meeting. Refunds, less \$25.00 processing fee per registrant, will be granted to those requests received by mail or fax at Energetics by that date. Substitutions can be arranged by calling Energetics Conference Services at (410) 290-0370.

IMPORTANT NUMBERS AND DATES

Conference Services, Energetics	(410) 290-0370
	Fax (410) 290-0377
Loews L'Enfant Plaza	(202) 484-1000
	Fax (202) 646-4456
Registration Deadline	July 9, 1999
Hotel Reservation Deadline	July 6, 1999
Registration Check-in	July 26, 1999

Superconductivity Program for Electric Systems 1999 Annual Peer Review

July 26-27, 1999 • Washington, D.C. • Loews L'Enfant Plaza Hotel

(please print or type)

Mr. Ms. Dr.

Name _____ First Name for Tag _____

Title _____ Organization _____

Mailing Address _____

City _____ State _____ Zip _____

Telephone (_____) _____ Fax (_____) _____

E-mail address _____

Emergency contact during the conference: (Optional) _____

Day Telephone (_____) _____ Evening Telephone (_____) _____



Please check here if you require assistance. We will contact you to discuss your needs.

I will be attending the Dinner Cruise (\$50.00)



Vegetarian


I will attend Cryogenics Workshop

Registration Fee: \$200.00

Optional Dinner Cruise: \$50.00 Self Plus _____ guest (s) Total Fee Enclosed: \$_____.

Payment Method:

Check/PO (made payable to Energetics, Incorporated)

 Account Number: _____

 Expiration Date: _____

 Print name (as it appears on card): _____

 Cardholder's Signature: _____ Amount: _____

Please return completed form and fee, by July 9, 1999, to:

Conference Services

Energetics, Incorporated
7164 Gateway Drive
Columbia, MD 21046

Phone: (410) 290-0370

Fax: (410) 621-3329

For Internal Use Only

Received _____ Entered _____

Multiple for: _____

Confirmation Letter _____ Ck# _____ p/c _____

Refund _____ Amt. Rcd. _____

PO# _____ Auth# _____ Date _____

Refunds (less a \$25 processing fee per registrant) will be granted to requests received in writing at Energetics, Inc., postmarked or faxed to (410) 621-3329 by July 16, 1999.

Don't Forget: Hotel Reservation cut-off date is July 6. Make reservations now: (202) 484-1000