Fusion Power Associates Annual Meeting and Symposium

In Honor of LLNL Fusion Pioneers Richard F. Post and John H. Nuckolls

Fusion Energy: Countdown to Ignition and Gain
Including Tour of National Ignition Facility

December 3-4, 2008
Hilton Garden Inn, Livermore, CA
and
Lawrence Livermore National Laboratory

Agenda

Wednesday, December 3 (Hilton Garden Inn)

7:30  Registration
8:00  Welcome, Gerald Navratil, Chair, FPA Board of Directors
8:10  Presentation of Awards, Steve Dean, President, FPA
8:30  Thoughts on Fusion Energy Development, Richard F. Post, LLNL
8:45  Thoughts on Fusion Energy Development, John H. Nuckolls, LLNL
9:00  Status of ITER, Kaname Ikeda, Director General, ITER Organization
9:50  Break
10:20 The U.S. Burning Plasma Program, Chuck Greenfield, General Atomics
10:40 Status of Laser Research in Japan, Kunioki Mima
11:00 High Average Power Laser (HAPL) Program, John Sethian, NRL
11:40 Lunch
12:40 Buses Depart for LLNL (West Badge Office and B482 Auditorium)
1:30  Welcome, George Miller, Director, LLNL
1:40  Session on LLNL Laser Programs – John Caird, Session Chair (invited)
1:40  Status of the National Ignition Facility, Ed Moses, LLNL
2:10  Future Directions for Inertial Fusion, Ed Moses, LLNL
2:30  Planning for the Ignition Campaign on NIF, John Lindl, LLNL
2:50  Status of DPSSL and High Average Power Short-pulse Laser Technology
     Required for Fast Ignition IFE, Chris Barty, LLNL
3:10  Tour of NIF
5:00  Bus Departs LLNL for Hilton Garden Inn
5:30  Reception, In celebration of 90th Birthday of Dick Post
7:00  FPA Board of Directors Meeting at Hilton Garden Inn
Thursday, December 4 (Hilton Garden Inn)

8:00  The Legacy of Richard F. Post, Dmitri Ryutov, LLNL, Session Chair
-  Tribute to Dick Post, T. K. Fowler, U. C. Berkeley
-  GAMMA-10 Simulation Results and Implications for a Tandem Mirror Effort,
  Jane Pratt, U. Texas
-  Magnetic Mirror Experiments, Tom Simonen, LLNL/GA (retired)
-  Sustainment Physics of a Self-Organized Spheromak Torus Imbedded in an
  Open Magnetic Field, Bick Hooper, LLNL (retired)

9:00  Overview of Fusion Research at National Institute of Fusion Research (NIFS)
      -  Osamu Motojima, Director NIFS, Japan
9:20  DOE NNSA Perspective, David Crandall, NNSA
9:40  DOE OFES Perspective, Gene Nardella, OFES
10:00 Break
10:30 Status of HEDLP and HIF, B. Grant Logan, LBNL
10:50 New Directions in Fusion Energy Program at LLNL, E. Synakowski (LLNL)
11:10 Overview of Fusion Research at PPPL, Rob Goldston, PPPL
11:30 Lunch
12:30 Overview of Fusion Research at General Atomics, Ron Stambaugh, GA
12:50 Overview of Inertial Fusion Research at U.Rochester, Bob McCrory, U.R.
1:10 Overview of Fusion Research at MIT, Miklos Porkolab, MIT PSFC
1:50 Overview of Fusion Research at LANL, Glen Wurden, LANL
2:10 Break
2:30 Overview of Fusion Research at SNL, Keith Matzen, SNL
2:50 Overview of Inertial Fusion Energy Activities at NRL, Steve Obenschain, NRL
3:10 Overview of Fusion Support Activities at Schafer Corp., Nicole Petta, Schafer
3:30 Report of FESAC Panel on Alternate Concepts, Dave Hill, LLNL
3:50 The U.S. Fusion Technology Program, Stan Milora, ORNL
4:10 Role of Neutron Sources in MFE and IFE, John. Sheffield, U. Tennessee
4:30 U. S. Fusion Design Studies, Farrokh. Najmabadi, UCSD
4:30 Adjourn

A block of rooms at a rate of $99 has been reserved under “Fusion Power” at the
Hilton Garden Inn Livermore for the nights of Dec 2,3,4.
2801 Constitution Drive
Livermore, CA 94551
(925)292-2000 or
(888)243-9004 US toll-free

Buses to LLNL will depart Hilton Garden Inn for Lawrence Livermore National
Laboratory at 12:40 PM on Dec 3.

**Deadline for registration (in order to allow time to secure LLNL approval for lab
access and NIF tour) is October 1 for non-US-citizens and November 1 for US
citizens.**
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Hilton Garden Inn and Lawrence Livermore National Laboratory
Livermore, CA, USA

Hotel Information: A block of rooms has been reserved under the name "Fusion Power" at the Hilton Garden Inn Livermore, 2801 Constitution Drive, Livermore, CA 94551 (925)292-2100 or (toll-free) (888)243-9004. To register, please print the registration form below and mail or fax to Fusion Power Associates, 2 Professional Drive, Suite 249, Gaithersburg, MD 20879 USA. Fax: 301-975-9869. Registrants MUST ALSO register with LLNL at https://www.regonline.com/fpa_annual_mtg

Registration Form for FPA Annual Meeting

Name: ________________________________
Institution: ____________________________
Address: ______________________________
_____________________________________
Phone/Fax: ___________________________
Email: _______________________________

_____ My check for $425 is enclosed or my credit card info is provided above
_____ I will pay $450 at the door
_____ I am retired and request reduced registration fee of $200
_____ I wish to attend only Reception December 3 and Legacy of Richard F. Post Technical Session December 4 and request registration fee of $100
_____ I wish to attend only Legacy of Richard F. Post Technical Session December 4 and request registration fee of $50
_____ I am either press, congressional staff, student or spouse and request complimentary registration
Fusion Power Associates 2008 Annual Meeting

Name on Card: _________________________________________________________

Amount to be billed: ____________

Card Number: __________________________________________________________

Expiration Date: ______________  Three Digit Code: ____________

Zip Code of Billing Address: __________________________

Fax to Fusion Power Associates: (301)975-9869 or phone to (301)258-0546/

No refunds after November 10, 2008.