

FUSION POWER ASSOCIATES  
34<sup>th</sup> Annual Meeting and Symposium

**Fusion Energy: Visions of the Future**

December 10-11, 2013

Capitol Hill Club, 300 First Street SE (Across from Capitol South Metro Station)  
Washington, DC 20003

Agenda (07 December, 2013)

Tuesday December 10 – Eisenhower Room (Ground Floor)

7:30 Registration and Continental Breakfast

8:00 Welcome – Don Correll, Vice Chair, FPA Board of Directors

8:10 Presentation of Awards – Stephen O. Dean, President, FPA

8:20 Status of ITER – Osamu Motojima, Director General, ITER Organization

8:50 NIF: Recent Experiments and Future Plans – John Edwards, LLNL

9:20 Status of U.S. Contributions to ITER - Ned Sauthoff, U.S. ITER Project

9:50 Break

10:20 Session on Pathways to Fusion Beyond NIF

- Stephen Obenschain, US Naval Research Laboratory
- Robert McCrory, Laboratory for Laser Energetics U. Rochester
- Tom Anklam, Lawrence Livermore National Laboratory
- Mark Herrmann, Sandia National Laboratories
- Hiroshi Azechi, Inst. of Laser Engineering, Osaka University
- D. Meyerhofer for Dimitri Batani, Institut Lasers Plasmas, France

11:40 Fusion Perspective – Ben Hammond, House Appropriations Staff

12:00 Buffet Lunch

1:00 Session on Pathways to Fusion Beyond ITER

- G. S. Lee, Korea
- Hiroshi Horiike, Osaka University
- Yuanxi Wan, China
- Francesco Romanelli, EU
- Stewart Prager, Princeton Plasma Physics Laboratory
- Dale Meade, Princeton Plasma Physics Laboratory

3:00 Break

3:20 Continuation of Session on Pathways to Fusion Beyond ITER

- Tony Taylor, General Atomics
- Miklos Porkolab, Massachusetts Institute of Technology

4:00 Session on Demo Designs and Issues

- Tom Brown, Princeton Plasma Physics Laboratory
- Steven Zinkle, Oak Ridge National Laboratory
- Richard Kamendje, IAEA

5:00 Activities of the American Security Project – Andrew Holland, ASP

5:10 Adjourn

5:30 – 7:00 Reception – Grant/Lincoln/McKinley Rooms (4<sup>th</sup> Floor)

7:00 Board of Directors Meeting – Roosevelt/Taft Room (4<sup>th</sup> Floor)

Wednesday December 11 Pennsylvania/Texas Room (3<sup>rd</sup> Floor)

- 7:30 Continental Breakfast
- 8:00 Congressional Perspective – Leland Cogliani, Senate Appropriations Staff
- 8:30 Office of Fusion Energy Sciences Strategy – Ed Synakowski, DOE OFES
- 9:00 NNSA ICF Strategy – Kirk Levedahl, NNSA
- 9:30 Near-Term Issues for ICF– David Meyerhofer and Riccardo Betti,  
University of Rochester LLE
- 9:50 USBPO: MFE research in support of burning plasmas – Amanda Hubbard
- 10:10 Break
  - Session on Alternate Pathways
- 10:40 LANL Fusion Energy Sciences Research Glen Wurden, Los Alamos  
National Laboratory
- 11:00 MTF Progress Update and Compression Heating of Spheromaks
  - Doug Richardson, General Fusion
- 11:20 Imposed Dynamo Driven Spheromak Roadmap
  - Tom Jarboe, Derek Sutherland et al., U. Washington
- 11:40 Fusion with the Plasma Focus
  - Eric Lerner, Lawrenceville Plasma Physics
- 12:00 Lunch
- 1:00 Activities of the University Fusion Association – Dylan Brennan, UFA
- 1:10 Future Direction of the U.S. Fusion Materials Program
  - Peter Pappano, OFES, USDOE
- 1:30 A New Approach to the US Fusion program: Common Sense
  - Jeffrey Freidberg, MIT
- 2:00 The DOE Program in High Energy Density Physics
  - Pravesh Patel, Lawrence Livermore National Laboratory
  - Peter Seidl, Lawrence Berkeley National Laboratory
  - Siegfried Glenzer, Stanford Linear Accelerator Laboratory
- 3:00 Progress at Tri-Alpha - M. Binderbauer, Tri-Alpha (invited)
- 3:30 Adjourn