## 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)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tr>
<td>7:30</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>8:00</td>
<td>Welcome – Don Correll, Vice Chair, FPA Board of Directors</td>
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<td>8:10</td>
<td>Presentation of Awards – Stephen O. Dean, President, FPA</td>
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<td>8:20</td>
<td>Status of ITER – Osamu Motojima, Director General, ITER Organization</td>
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<td>8:50</td>
<td>NIF: Recent Experiments and Future Plans – John Edwards, LLNL</td>
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<td>9:50</td>
<td>Break</td>
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| 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  | Reception – Grant/Lincoln/Mckinley Rooms (4th Floor) |
| 7:00  | Board of Directors Meeting – Roosevelt/Taft Room (4th Floor) |
Wednesday December 11 Pennsylvania/Texas Room (3rd Floor)

7:30  Continental Breakfast
8:00  Congressional Perspective – Leland Cogliani, Senate Appropriations Staff
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