

**FUSION POWER ASSOCIATES  
37<sup>TH</sup> ANNUAL MEETING AND SYMPOSIUM  
FUSION POWER DEVELOPMENT: AN INTERNATIONAL VENTURE**

**DECEMBER 13-14, 2016  
HYATT REGENCY CAPITOL HILL HOTEL  
400 New Jersey Av NW, Washington, DC 20001**

**AGENDA**

**Tuesday December 13 -- Capitol Room**

**7:30 Registration and Continental Breakfast**

8:00 Welcome – Farrokh Najmabadi, Chairman of the Board, FPA

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

8:30 Keynote Address – Ian Chapman, CEO, UK Atomic Energy Authority

9:00 ITER: An International Venture -

Ned Sauthoff, US ITER Project Manager and Bernard Bigot, ITER Director General

9:40 Overview of the European Fusion Program – Darren McDonald, EuroFusion

10:10 Break

**10:40 Session Chair – Jerry Navratil, Columbia University**

10:40 Overview of the Korean Fusion Program – Keeman Kim, Chairman, NFRI, Korea

11:10 Overview of the Fusion Program in China – Baonian Wan, Director, ASIPP, China

11:40 Overview of Accomplishments of Alcator C-Mod, Earl Marmor, MIT

12:00 Lunch (recommend restaurant in hotel lobby)

**1:00 Session Chair – Don Rej, Los Alamos National Laboratory**

1:00 The Chinese Engineering Test Reactor Study – Yuanxi Wan, IPP, China

1:20 Role of JT60SA in Fusion Development – Shunsuke Ide, Naka, Japan

1:40 Progress and Plans at JET – Darren McDonald, EuroFusion

2:00 Progress and Plans on WEST – Alain Becoulet, CEA

2:20 Progress and Plans on ASDEX-Upgrade – Hartmut Zohm, MPI, Germany

2:40 Break

**3:10 Session Chair – Stewart Prager, Princeton University**

3:10 Progress and Plans on DIII-D – David Hill, General Atomics

3:30 Progress and Plans on NSTX-U – Jon Menard, PPPL

**3:50 Session Chair – Steve Dean, FPA**

3:50 Status and Plans at Tri-Alpha Energy – Michl Binderbauer, Tri Alpha Energy

4:10 Status of ARPA-E ALPHA Program – Patrick McGrath, ARPA-E

4:30 Activities of the American Security Project – Andrew Holland

5:00 Congressional Perspective (House) – Speaker TBD

5:30 Adjourn

**5:30 – 7:00 Reception, Congressional A, Lobby Level**

**7:00 FPA Board of Directors Meeting –Congressional CD, Lobby Level**

## Wednesday December 14 – Capitol Room

### **7:30 Continental Breakfast**

- 8:00 Congressional Perspective – Speaker TBD
- 8:30 US Fusion Program Overview – Ed Synakowski, DOE OFES
- 9:00 Status and Plans at W7-X – Thomas Klinger, IPP, Greifswald, Germany
- 9:20 Status and Plans at LHD – Y. Takeiri, NIFS, Japan
- 9:40 Activities of the Institute of Nuclear Energy Safety Technology (INEST)  
– Yican Wu, Director General, INEST, China

10:00 Break

### **10:30 Session Chair – Phil Ferguson, Oak Ridge National Laboratory**

- 10:30 US International Collaborations
  - Mike Zarnstorff, PPPL
  - Mickey Wade, GA
  - Dennis Whyte, MIT

11:30 Technologies Needed for a Fusion Demo – Mohamed Abdou, UCLA

11:50 Lunch (recommend restaurant in hotel lobby)

### **1:00 Session Chair – Steve Dean, FPA**

- 1:00 Status and Progress on NIF – John Edwards, LLNL
- 1:20 Status and Progress on Omega – Craig Sangster, U. Rochester
- 1:40 Status and Progress on MAGLIF – Daniel Sinars, Sandia
- 2:00 Status and Progress on FIREX – Hiroshi Azechi, Osaka U., Japan
- 2:20 Plasma Physics and Inertial Fusion at NRL – Steve Obenschain, NRL
- 2:40 Status and Plans on MAST-U – Joe Milnes, CCFE, UK
- 3:00 Fusion Energy Sciences at LBNL – Peter Seidl, LBNL
- 3:20 Progress and Plans at General Fusion – Michael Delage, General Fusion
- 3:40 The World Effort on Exascale Computation – John Mandrekas, DOE OFES

4:00 Adjourn