

FUSION POWER ASSOCIATES  
36<sup>TH</sup> ANNUAL MEETING AND SYMPOSIUM  
**STRATEGIES TO FUSION POWER**

DECEMBER 16-17, 2015  
HYATT REGENCY CAPITOL HILL HOTEL  
400 New Jersey Av NW, Washington, DC 20001

**Agenda (December 11)**

Wednesday December 16 – **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  
– Norman Augustine, Board of Directors, American Security Project  
(CEO, retired, Lockheed Martin Corp.)
- 9:00 Status of ITER Project – Bernard Bigot, Director-General, ITER Org.
- 9:30 Status of NIF Research – John Edwards, LLNL
- 9:50 Break
- 10:20 Status of US ITER Contributions – Ned Sauthoff, US ITER Project Office
- 10:40 Laser Fusion Strategy in Japan  
– Hiroshi Azechi, Director, ILE, Osaka U., Japan
- 11:00 Development of Technology Bases for Japanese Strategy to Fusion Power  
– Hiroshi Yamada, Japan
- 11:20 Tokamak Fusion Nuclear Science Facility Next Step – Charles Kessel, PPPL
- 11:40 High Temperature Superconducting Magnets and Other Innovations for Fusion  
– David Kingham, Tokamak Energy, UK
- 12:00 Lunch
- 1:00 High Temperature Superconducting Magnets for Fusion – Joe Minervini, MIT
- 1:20 The HIT Program and Its Implications for Fusion Energy  
– Derek Sutherland, U. Washington
- 1:40 MagLIF Approach to Fusion Power – Daniel Sinars, Sandia
- 2:00 Stellarator Paths to a Fusion Demo – Mike Zarnstorff, PPPL
- 2:20 Strategic Opportunities for Fusion Progress – Mike Mael, Columbia U.
- 2:40 Summary of UFA Activities and Workshop – Uri Shumlak, U. Washington
- 2:50 Break
- 3:20 Materials Prospects for Fusion Power Plants – Steve Zinkle, ORNL
- 3:50 Progress and Plans at General Fusion – Michel Laberge, General Fusion
- 4:10 Opportunities on NIF as a User Facility – Mark Herrmann, LLNL
- 4:30 ARPA-E Fusion Project – Patrick McGrath, ARPA-E
- 4:50 Congressional Fusion Perspective  
– Aaron Weston, Counsel, House Committee on Science, Space and Technology
- 5:30 – 7:00 **Reception – Congressional A Room**
- 7:00 **Board of Directors Meeting – Congressional CD Room**

Thursday December 17 – **Capitol Room**

7:30 Continental Breakfast

8:00 US Fusion Program Overview – Ed Synakowski, DOE OFES

8:30 NNSA Inertial Confinement Fusion Program Overview – Keith LeChien, NNSA

9:00 Progress and Fusion Vision at Tri Alpha Energy – Michl Binderbauer, Tri Alpha

9:20 Thoughts on Fusion Development Strategies (20 Min each)

Stewart Prager, PPPL

Robert McCrory, U. Rochester

10:00 Break

10:30 EU Strategy to Fusion Power – Xavier Litaudon, EUROfusion

11:00 Thoughts on Fusion Development Strategies (15 min each)

Phil Ferguson, ORNL

Tony Taylor, General Atomics

Dennis Whyte, MIT

Don Correll, LLNL

12:00 Lunch

1:00 Thoughts on Fusion Development Strategies (15 min each)

Stephen Obenschain, Naval Research Laboratory

Don Rej, LANL

Peter Seidl, LBNL

Robert L. Hirsch

2:00 Break

2:15 A Magnetic Mirror Strategy to Fusion Power - Tom Simonen, Retired

2:30 Fusion Contributions to Today's Commercial Applications

Rich Callis, General Atomics

Chris Keane, Washington State University

3:00 Importance of Advanced Computers and Computation to Fusion Development

Paul Bonoli, MIT.

3:15 Fusion Contributions to Other Fields of Science – Sean Finnegan, DOE OFES

3:30 Adjourn