FUSION POWER ASS0CIATES
44th Annual Meeting and Symposium: Pilot Plants for Fusion Power
December 19-20, 2023 Grand Hyatt Washington
(hybrid in-person/remote webinar)
Current Agenda (December19), **R**=Remote

Tuesday December 19 Constitution CDE Room

7:30 am Registration and Continental Breakfast
8:15 Welcome – Susana Reyes, Chair, FPA Board
8:20 Presentation of Awards – Stephen O. Dean, President. FPA
8:45 Keynote Address: Jean Paul Allain, Assoc. Director for FES, DOE Office of Science
9:15 **Session 1 – Susana Reyes, Chair**
9:15 Historical Perspectives – Stephen O. Dean, President, FPA
9:30 Wayne Solomon, VP for Magnetic Fusion Energy, General Atomics
9:45 Tammy Ma, Lead, Inertial Fusion Energy Initiative, LLNL
10:00 Break
10:30 Yuntao Song, Director General, Inst. of Plasma Physics, CAS, China **R**
10:45 Ian Chapman, Director, UKAEA **R**
11:00 Masaya Hanada, Managing Director, Fusion Energy Directorate, QST Japan
11:15 11:30 Discussion
11:45 **Lunch** (not provided)
1:00 **Session 2– Mike Campbell, Chair**
1:00 Keisuke Shigemori, Deputy Director, Institute of Laser Engineering, Osaka U.
1:15 Chris Deeney, Director, Laboratory for Laser Energetics, U. Rochester
1:30 Daniel Sinars, Director, Pulsed Power, Sandia National Laboratories
1:45 Constantin Haefner, Fraunhofer Institut fur Lasetechnik ILT
2:00 Pravesh Patel, Chief Technology Officer, Focused Energy
2:15 Susana Reyes, VP, Chamber and Plant Design, Xcimer Energy
2:30 Satoshi Konishi, Chief Fusioneer, Kyoto Fusioneering
2:45 Discussion
3;00 **Break**
3:30 **Session 3 – Diane Demers, Chair**
3:30 Michl Bindebauer, CEO, TAE Technologies **R**
3:45 David Gates, CTO, Thea Eneregy
4:00 Carey Forest, Realta
4:15 Steve Obenschain, President, LaserFusionX
4:30 Hafiz Rahman, President, MFTI
4:45 Jack Astbury - Chief Engineer, Fusion Pilot Plant, Tokamak Energy
5:00 Swadesh Mahajan, Chief Scientific Officer, ExoFusion **R**
5:15 Gyung-Su Lee, Co-founder, EnableFusion
5:30 **Workforce**
5:30 Eva Kostadinova, Chair, Coalition for Plasma Science and
Jessica Eskew, APS Committee on Status of Women in Physics
5:45 **Adjourn**
6:00 -7:30 **Reception (Grand Foyer)**
7:30 – 8:30 Board of Directors Meeting (Benneker Room, near Grand Foyer)

Wednesday December 20 Constitution CDE Room

7:30 Registration and Continental Breakfast
8:00 **Session 4 Gerald Navratil, Chair**
Laban Coblentz, Head of Communication, ITER Organization
Ambrogio Fasoli, President, EUROfusion **R**
Daisuke Baba, Cabinet Office, Japan
Suk Jae Yoo, President, Korean Institute of Fusion Energy, Korea **R**
Yican Wu, Chief Scientist, INEST, CAS, China **R**
9:15 Discussion
9:30 **Break**
10:15 **Session 5 Harry McLean, Chair**
10:15 Steve Cowley, Director, PPPL
10:30 Cami Collins, Section Head, Fusion Energy Division, ORNL
10:45 David Babineau, Director, Tritium Technology Division, SRNL
11:00 Mohamed Abdou, Director, Fusion S&T Center, UCLA **R**
11:15 Greg Twinney, CEO, General Fusion
11:30 **Lunch**
12:45 **Congressional Staff:** Hillary O'Brien (R) and Adam Rosenberg (D)
1:15 **Session 6 Eva Kostodinova, Chair**
Jean-Luc Vay, Advanced Modelling Program Head, LBNL
Michael Short, Associate Director, Plasma Science and Fusion Center (PSFC), MIT
Neil Alexander, General Atomics IFE
Richard Buttery, Director, DIIID National Fusion Facility, General Atomics
Max Karasik, Laser Plasma Branch, U.S. Naval Research Laboratory
Arnold Lumsdaine, Program Director, INFuse, ORNL
Chandra Breanne Curry, Coordinator, LaserNetUS, SLAC
Sehila M. Gonzalez de Vincente, Clean Air Task Force
Colleen Nehl, Program Manager for Public-Private Partneships, Fusion Energy Sciences
Lori Braase, Business Development Executive, Idaho National Laboratory

3:45 **Open Audience Discussion, Richard Buttery Discussion Moderator**

4:30 Adjourn

Meeting Theme: Pilot Plants for Fusion Power
Presentation and Discussion Topics:
Pilot Plants vs. Demos
Pilot Plant Goals and Features
U.S. and International Perspectives and Plans
Concept Scientific Readiness
Concept Technological Readiness
Status of Conceptual Designs
Costs and Schedules
Workforce Development