**FUSION POWER ASSOCIATES**

**43rd Annual Meeting and Symposium: The Road Ahead**

**December 7-8, 2022 Grand Hyatt Washington**

**Agenda**

**Wednesday December 7 Declaration AB**

7:30am Registration and Continental Breakfast

8:00 Welcome – Susana Reyes, Chair, FPA Board of Directors

 Presentation of 2022 Awards – Stephen O. Dean, President, FPA

 Leadership: Debra Callahan (LLNL), Kathy McCarthy (ORNL)

 Distinguished Career: Richard Hazeltine (U Texas Austin), Kenichi Kurihara (Naka)

 Fusion Engineering: Zach Hartwig (PSFC MIT), Nikolai Norauski (General Atomics)

8:30 Keynote Address – Geraldine Richmond, Under Secretary for Science and Innovation, DOE

 Introduced by Susana Reyes, Chair, FPA Board of Directors

8:50 Sehila M. Gonzalez de Vicente – Women in Fusion

9:10 Scott Hsu – Lead Fusion Coordinator, DOE

9:30 Jeff Quintenz for Sarah Nelson – NNSA

9:50 John Mandrekas – Research Division Director, FES, USDOE Office of Science

10:10 Special Leadership Award to James Van Dam – Presented by Mickey Wade

10:20 Break

10:40 **Pilot Plant Session – Richard Hawryluk, Chair**

10:40 Mickey Wade – Director, Fusion Energy Division, ORNL

10:55 Wayne Solomon – Director, Magnetic Fusion Energy, GA

11:10 Gianfranco Federici – Head, Technology Dept., EUROfusion – Remote

11:25 Mohamed Abdou – Director, Fusion S&T Center, UCLA - Remote

11:40 Lunch (not provided), suggest **Cure Bar and Bistro** in hotel lobby)

1:00 **U.S. Magnetic Confinement Session – John Kline, Chair**

1:00 Jonathan Menard – Deputy Director, PPPL

1:15 Earl Marmar – PSFC, MIT

1:30 Harry McLean – Leader, Fusion Energy Sciences, LLNL

1:45 Discussion

2:00 **ITER Session – David Babineau, Chair**

2:00 Alain Bécoulet, Engineering Domain Head – ITER Organization - Remote

2:20 Kathryn McCarthy – Project Director, U.S. ITER

2:35 Discussion

2:45 Break

3:15 **Inertial and Magneto-Inertial Confinement Session – Zabrina Johal, Chair**

3:15 Tammy Ma – Lead, Inertial Fusion Energy Initiative - LLNL

3:30 Radha Bahukutumbi – U. Rochester LLE

3:45 Matthew Wolford – Naval Research Laboratory

4:00 Daniel Sinars – Director, Pulsed Power, Sandia National Laboratories

4;15 Thomas Schenkel – Program Head, Fusion Science and Ion Beams, LBNL

4:30 Pravesh Patel -- Scientific Director, Focused Energy Inc.

4:45 **Stellarator Session – Francois Waelbroeck, Chair**

4:45 Novimir Pablant – PPPL -- Remote

5:00 Katsumi Ida – National Institute for Fusion Science, Japan – Remote

5:15 Samuel Lazerson –Max Planck Institute, Greifswald, Germany – Remote

5:30 Eva Kostadinova – Chair, Coalition for Plasma Science

5:45 Break

**6:00 – 7:30 Reception, Grand Foyer**

7:30-8:30 FPA Board of Directors Meeting, **Benneker Room**

**Thursday, December 8 Declaration AB**

7:30 Registration and Continental Breakfast

8:00 **World Perspectives on the Road Ahead – Gerald Navratil, Chair**

8:00 Ian Chapman – Director, UKAEA Culham

8:20 Discussion

8:30 Ryosuke Kodama – Managing Director, Institute of Laser Engineering, Osaka U.

8:45 Yoshitaka Ikeda, Managing Director, Fusion Energy Directorate, QST, Japan - Remote

9:00 Yuntao Song, Director General, Inst. of Plasma Sciences, CAS, China – Remote

9:15 Suk Jae Yoo, President, Korean Institute of Fusion Energy, Korea – Remote

9:30 Yican Wu, Professor, Chief Scientist, INEST, CAS, China -

9:45 Break

10:15 **Private Sector and Partnerhips Session – Farhat Beg, Chair**

10:15 Michl Binderbauer, CEO, TAE Technologies

10:30 Bob Mumgaard, CEO, Commonwealth Fusion Systems

10:45 Naomi Mburu, Tokamak Energy

11:00 Satoshi Konishi (Chief Fusioneer) and Kiyoshi Seko (VP), Kyoto Fusioneering

11:15 Greg Twinney, CEO, General Fusion – Remote

11:30 Takaya Taguchi, CEO, Helical Fusion

11:45 Lunch (not provided, suggest **Cure Bar and Bistro** in hotel lobby)

1:00 **Adam Rosenberg and Hillary O’Brien, House Science Committee –** Remote

1:30 **Private Sector and Partnerships Session – Ahmed Diallo**

1:30 Ahmed Diallo – Program Manager, ARPA-E

1:40 Ben Levitt – Director of R&D, Zap Energy

1:55 Cary Forest – U. Wisconsin

2:10 Hafiz Rahman – President, MIFTI

2:25 Stephen Obenschain – President, LaserFusionX, Inc.

2:40 Short Break

3:00 **Perspectives Session – Steve Dean, Chair**

3:00 John Kline -- Manager, FES and NNSA Fusion Research, LANL

3:15 Chandra Breanne Curry – Coordinator, LaserNetUS, SLAC

3:30 Brenda Garcia-Diaz –Tritium Technology Division, SRNL

3:45 Arnold Lumsdaine –Program Director, INFUSE

4:00 Outreach and Diversity - Guinevere Shaw – FES, USDOE Office of Science

4:15 Adjourn