

The 2nd IAEA **WORKSHOP** on Fusion Enterprises

Virtual Event
11 - 12 July 2022

This IAEA workshop discusses the commercialization paths for fusion by bringing together the pioneering actors in fusion enterprises. The IAEA expects professionals from diverse fields to provide their views on the market demands for fusion, and whether the private sector could deliver what the market is demanding.

This event is suitable for a broad audience, including investors, policymakers, entrepreneurs, and scientists working on fusion energy. Prior expert knowledge on fusion is not assumed.

This is a virtual event.
Registration is required by 20 June.

Register
from here:



Meet Our Speakers



Ian Chapman
(UKAEA)



Carly Anderson
(Prime Movers Lab)



Taka Omae
(ITER Organization)

and 20+ pioneers from the field!

CALL FOR POSTER: Private Enterprise Showcase

The organizing committee welcomes abstract submissions for the **on-line poster session**, titled the **Private Enterprise Showcase**. The Private Enterprise Showcase will be held on-line during the event, allowing participants to present their effort toward commercialization.

Abstract Submission for the Private Enterprise Showcase (Poster Session) is open until 13 June.

Please visit <https://conferences.iaea.org/event/304/> for more details.

PROGRAM

DAY 1

Times are all indicated in British Summer Time [UTC+1]

Opening & Keynote [9:00 am – 9:45 am]

Chaired by Shutaro Takeda (Kyushu Univ./Kyoto Fusioneering)

Opening Remarks

Ian Chapman (UKAEA)

Sehila Gonzalez de Vicente (IAEA)

Keynote Presentation

Carly Anderson (Prime Movers Lab)

Session 1: Market & Economics [10:00 am – 11:15 am]

Chaired by Ronald Miller (Decysive Systems)

1.1 Fusion in the Future Energy Market

Kirtsy Gogan (Lucid Catalyst)

1.2 Market Analysis for Fusion

Alik van Heek (IAEA)

1.3 Economic Constraints on Fusion

Niek L. Cardozo (Eindhoven Univ. of Technology)

Session 2: Investment Environment [12:45 pm – 2:00 pm]

Chaired by Tim Bestwick (UKAEA)

2.1 Recent Trends in Investment

Philip Larochelle (Breakthrough Energy Ventures)

2.2 Driving the Energy Transition

Uwe Krueger (Tamasek)

2.3 From Funding to Financing

Adam Baker (BEIS, UK)

Session 3: Enabling Technologies [2:15 pm – 3:30 pm]

Chaired by Simon Woodruff (Woodruff Scientific)

3.1 Wider Engineering Challenges

Andrew Sowder (EPRI)

3.2 Enabling Technologies

Taka Nagao / Richard Pearson (Kyoto Fusioneering)

Toru Fukushima (SuperPower Inc)

3.3 Fusion Startup Ecosystem

Valerie Jamieson (UKAEA)

DAY 2

Session 4: Commercialization [9:00 am – 10:40 am]

Chaired by Melanie Windridge (Fusion Energy Insights)

4.1 Road to Commercialisation: China

TBD (ENN)

4.2 Road to Commercialisation: UK

David Howgate (Atkins)

4.3 Road to Commercialisation: Japan

Satoshi Konishi (Kyoto University)

4.4 Road to Commercialisation: US

Ahmed Diallo (PPPL)

Session 5: Private Fusion Roundtable [10:55 am – 12:55 pm] (Speakers TBA)

Chaired by Andrew Holland (Fusion Industry Association)

Session 6: Future Considerations [2:30 pm – 4:00 pm]

Chaired by Shutaro Takeda (Kyushu Univ./Kyoto Fusioneering)

6.1 Establishing a Regulatory Framework

Sally Forbes (UKAEA)

6.2 Supply Chain Challenges

Sehila Gonzalez de Vicente (IAEA)

6.3 Towards a Global Industry

Taka Omae (ITER Organisation)

Session 7: Review of Recent Progress [3:30 pm – 4:30 pm]

Chaired by Sehila Gonzalez de Vicente (IAEA)

7.1 Review of Technical Advances

Sam Wurzel (DOE, US)

7.2 Review of Private Enterprise Showcase

Andrew Holland (Fusion Industry Association)

ONLINE POSTER SESSION

[Day 1: 11:15 am – 12:45 pm, 3:30 pm – 5:00 pm]
[Day 2: 2:25 pm – 3:55 pm]



IAEA

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Scientific Secretary

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