



**IAEA**  
International Atomic Energy Agency

# 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 3 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

**Sehila Gonzalez de Vicente (IAEA)**

**Ian Chapman (UKAEA)**

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 Market Analysis for Fusion

**Aliki van Heek (IAEA)**

1.2 Fusion in the Future Energy Market

**Kirtsy Gogan (Lucid Catalyst)**

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

### Welcome Speech by UKAEA

**Ian Chapman (UKAEA)**

### Session 4: Commercialization [9:10 am – 10:50 am]

Chaired by Melanie Windridge (Fusion Energy Insights)

4.1 Road to Commercialisation: China

**Minsheng Liu (ENN)**

4.2 Road to Commercialisation: UK

**Dan Wolff (UKAEA)**

4.3 Road to Commercialisation: Japan

**Satoshi Konishi (Kyoto University)**

4.4 Road to Commercialisation: US

**Sam Wurzel (DOE, US)**

### Session 5: Future Considerations [11:05 am – 12:20 pm]

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

5.1 Establishing a Regulatory Framework

**Sally Forbes (UKAEA)**

5.2 Supply Chain Challenges

**Sehila Gonzalez de Vicente (IAEA)**

5.3 Towards a Global Industry

**Taka Omae (ITER Organisation)**

### Session 6: Private Fusion Roundtable [1:40 pm – 3:55 pm] (Speakers TBA)

Chaired by Andrew Holland (Fusion Industry Association)

Speakers: **Nick Hawker (First Light Fusion), Ryan Umstatt (Zap Energy), Michael Segal (CFS),**

**Michael Cappello (General Fusion), David Kingham (Tokamak Energy),**

**Anika Stein (Focused Energy), Warren Mckenzie (HB11)**

### Session 7: Review of Recent Progress [3:55 pm – 4:45 pm]

Chaired by Sehila Gonzalez de Vicente (IAEA)

7.1 Review of Technical Advances

**Ahmed Diallo (PPPL)**

7.2 Review of Private Enterprise Showcase

**Andrew Holland (Fusion Industry Association)**

## ONLINE POSTER

[Day 1: 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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