

# ITER Private Sector Fusion Workshop

Agenda as of 15 May

## Day 1: Monday 27 May

TIME	DESCRIPTION	LOCATION
07:30–7:45	Buses leave Aix-en-Provence	Departure from Grand Hotel Roi René
08:15–08:30	Arrival at ITER <ul style="list-style-type: none"><li>Entrance C gate: security access</li><li>Headquarters (Bldg72) Lobby: registration, coffee/croissants</li></ul>	ITER, Lobby
09:00	Opening and Welcome <ul style="list-style-type: none"><li>ITER</li><li>Fusion Industry Association (FIA)</li><li>Japan Fusion Energy Council (J-Fusion)</li></ul>	ITER, Amphitheater
09:15	ITER overview <ul style="list-style-type: none"><li>Workshop goals,</li><li>Examples of lessons learned,</li><li>overview of remaining challenges</li></ul>	ITER, Amphitheater
10:00	Tokamaks – panel, Q&A <ul style="list-style-type: none"><li>Commonwealth Fusion Systems</li><li>Tokamak Energy</li><li>General Atomics</li><li>ENN</li></ul>	ITER, Amphitheater
11:15	Coffee break / Breakout Cluster Session #1 <ul style="list-style-type: none"><li>MIFTI</li><li>Startorus Fusion</li><li>Realta</li><li>Stellarex</li></ul>	ITER, Lobby
12:15	Lunch / Worksite Highlights Tour <ul style="list-style-type: none"><li>Side session: best channels for knowledge sharing</li></ul>	ITER, Canteen
14:45	Innovative Fusion Approaches – panel, Q&A <ul style="list-style-type: none"><li>TAE</li><li>General Fusion</li><li>LPP Fusion</li><li>Novatron</li></ul>	ITER, Amphitheater
16:00	Progress on Fusion Standards and Key Elements <ul style="list-style-type: none"><li>IAEA</li><li>Clean Air Task Force</li><li>Oxford Sigma</li></ul>	ITER, Amphitheater
16:45	ITER Design Handbook overview	ITER, Lobby
17:00	Break	ITER, Lobby
17:15	Buses depart for Chateau Val Joanis	ITER
18:00	Reception: drinks and hors d'oeuvres/ Breakout cluster Session #2 <ul style="list-style-type: none"><li>Suppliers &amp; Supporters</li></ul>	Chateau Val Joanis
19:30	Dinner – networking	Chateau Val Joanis
21:00	Buses begin departing for Aix-en-Provence	Destination Grand Hotel Roi René

## Day 2: Tuesday 28 May

TIME	DESCRIPTION	LOCATION
07:45–08:00	Buses leave Aix-en-Provence	Departure from Grand Hotel Roi René
08:30–08:45	Arrival at ITER	ITER, Lobby
09:00	Stellarators – panel, Q&A <ul style="list-style-type: none"> <li>• Wendelstein 7-X, Proxima, Gauss</li> <li>• Renaissance</li> <li>• Thea</li> <li>• Helical</li> <li>• Type One</li> </ul>	ITER, Amphitheater
10:30	Fusion Supply Chain Innovators <ul style="list-style-type: none"> <li>• Enable Fusion</li> <li>• Kyoto Fusioneering</li> <li>• ExoFusion</li> <li>• Marathon Fusion</li> </ul>	ITER, Amphitheater
11:30	Coffee break / Breakout Cluster Session #3 <ul style="list-style-type: none"> <li>• Openstar Technologies</li> <li>• Firefly</li> <li>• Helicity Space</li> <li>• Kronos</li> </ul>	ITER, Lobby
12:30	Lunch – networking <ul style="list-style-type: none"> <li>• Side session: best channels for knowledge sharing</li> </ul>	ITER, Canteen
14:00	Inertial confinement – panel, Q&A <ul style="list-style-type: none"> <li>• Ex-Fusion</li> <li>• Focused Fusion</li> <li>• Marvel</li> </ul>	ITER, Amphitheater
15:00	Other knowledge-sharing programs	ITER, Amphitheater
15:30	Coffee break - networking	ITER, Lobby
16:15	Wrap-up and closing discussions / preview of Day 3	ITER, Amphitheater
17:30	Conclusion of formal program	ITER, Amphitheater
17:45	Buses depart for Aix-en-Provence	Destination: Grand Hotel Roi René
18:30	FREE EVENING	

## Day 3: Wednesday 28 May

TIME	DESCRIPTION	LOCATION
08:00	Buses leave Aix-en-Provence	Departure from Grand Hotel Roi René
09:00	Amphitheatre meet and greet to review Day 3 logistics	ITER, Amphitheater

### Specialized tours offered throughout the day\*:

- Virtual reality room session
- Tokamak building extended tour
- Assembly Hall extended tour
- Reactive power compensation switchyard
- Magnet conversion building
- Repairs in progress (PF coils building, Cryostat workshop)
- Cryogenics plant
- Components in storage
- Radiofrequency building

*\*Tours will be offered based on the interests of participants.*

*Some tours will be limited in size due to ongoing work activities. Other tours can be requested.*

### Open discussions with ITER specialists, offered throughout the day\*\*:

- Assembly and tooling
- Metrology
- 4D visualization
- Remote handling
- Diagnostics
- Logistics and transport
- Materials
- Vacuum Vessel manufacturing and assembly
- Magnet design, manufacturing, and assembly
- Electron cyclotron radiofrequency heating
- Ion cyclotron radiofrequency heating
- Neutral beam heating
- Thermal shield fabrication and assembly
- Safety demonstration (regulatory oversight, licensing)
- Waste management
- Insurance and other legal issues
- Quality assurance
- Reactive power compensation (pulsed power supply)
- Cryogenics
- Blanket
- Divertor
- Tritium breeding and extraction

*\*\*These discussion topics will be offered based on the interests of participants. Other topics can be suggested.*

17:00	Buses depart for Aix-en-Provence	Destination: Grand Hotel Roi René
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