

33rd Symposium on Fusion Technology (SOFT 24)
22-27 September 2024, The Helix, Dublin City University, Ireland
SOFT 2024 Conference Schedule overview

Start	End	Sunday 22-Sep-24	Monday 23-Sep-24	Tuesday 24-Sep-24	Wednesday 25-Sep-24	Thursday 26-Sep-24	Friday 27-Sep-24
08:00	09:00	Conference Registration & Poster Preparation Plenary Session 1: The Mahony Hall		Conference Registration & Poster Preparation Plenary Session 2: The Mahony Hall		Conference Registration & Poster Preparation Plenary Session 3: The Mahony Hall	
09:00	09:20	OPENING CEREMONY Welcome, Mahony Hall		Philippe Cara, F4E, Topic J: Overview of the DONES Programme		Ambrogio Fasoli, EUROfusion, Topic A: EUROfusion's Vision for Advancing the European Fusion Energy Roadmap	
09:20	09:30	Pietro Barabasci, ITER Director: The ITER Project: moving forward to an updated baseline		Jan Coenen, Forschungszentrum Jülich, Topic J: Navigating the Challenges of First Wall Materials in ITER and Future Fusion Reactors		Jean Paul Allain, DOE, Topic B: Building Bridges: A Vision for the US DOE Office of Fusion Energy Sciences	
09:30	09:40	Hiroaki Shirai, QST: Overview of Japanese Fusion Strategy		Samuele Dal Bello, Consorzio RFX, Topic C: Recent results and prospects of the ITER Neutral Beam Test Facility (NBTf)		Lu Kun, IPP China, Topic B: Recent progresses of CN superconducting tokamak development	
09:40	09:50	Tea/Coffee Break		Tea/Coffee Break		Tea/Coffee Break	
09:50	10:10	Oral Session 1 (Morning) The Mahony Hall (A) The Theatre (B) The Space (C)		Oral Session 2 (Morning) The Mahony Hall (A) The Theatre (B) The Space (C)		Oral Session 3 (Morning) The Mahony Hall (A) The Theatre (B) The Space (C)	
10:10	10:20	The Mahony Hall (A): Anna FEDINA, Topic E: Main achievements from operating an actively cooled ITER grade W divertor on WEST		The Mahony Hall (A): Mu-Young Aho, Topic E: Status of ECRJ Joint Development for HCPD TBM		The Mahony Hall (A): Gianfranco Federici, Topic A: Tokamak DEMO EU DEMO Program Status Update	
10:20	10:30	The Theatre (B): Janek Tveit, Topic G: Repair of heat load damaged plasma-facing material by direct erosion ablation		The Theatre (B): Kazuaki Matsu, Topic I: Synthesis and evaluation of tritium breeding performance of Be-Be by Be		The Theatre (B): David Walzberg, Topic A: The Advanced Tokamak Fusion Pilot Plant: an optimized and integrated conceptual design	
10:30	10:40	The Space (C): Sophie CAPRENTIER, Topic G: Impact of plasma heat load specifications on the proposed ITER tungsten first wall design		The Space (C): Robert Pearson, Topic I: Design, development and manufacture of the ITER torus and cryostat cryopumps		The Space (C): Thomas Brown, Topic A: The STAR power plant designed to balance physics, engineering, and cost requirements	
10:40	11:00	The Theatre (B): Quentin VIGNON, Topic E: Comparison of Solid State Neutron Detectors for 14 MeV Neutron Measurement under High Temperature and High Radiation		The Theatre (B): Hyoung-Jae Lee, Topic F: Assessment of ESCM Radon Superconducting magnet property under long-term operation		The Theatre (B): Pieter van den Laan, Topic I: Status of the activities on tritium behavior in thermal insulation materials and assemblies for ITER Test Blanket Modules	
11:00	11:30	The Space (C): Filip Janeky, Topic D: SOFIRA: a tokamak simulator		The Space (C): Fumio Okino, Topic I: Enhanced anodeless extraction efficiency from LIPs droplets in a vacuum		The Space (C): Kecheng Jiang, Topic I: Progress on the design and related R&D activities for the novel solid state Pk-15 breeding blanket for CFETR	
11:30	11:40	Lunch Break		Lunch Break		Lunch Break	
11:40	12:00	Poster Session 1		Poster Session 2		Poster Session 3	
12:00	12:20	Tea/Coffee Break		Tea/Coffee Break		Tea/Coffee Break	
12:20	12:40	Oral Session 1 (Afternoon) The Mahony Hall (A) The Theatre (B) The Space (C)		Oral Session 2 (Afternoon) The Mahony Hall (A) The Theatre (B) The Space (C)		Oral Session 3 (Afternoon) The Mahony Hall (A) The Theatre (B) The Space (C)	
12:40	13:00	The Mahony Hall (A): Vincenzo Nardella, Topic E: Status of the EU DEMO Coolant Purification System activities		The Mahony Hall (A): Felix Wimmer, Topic A: Advances in Solenoid Physics and Engineering – more than just an alternative concept		The Mahony Hall (A): Adhikari Kumar Mishra, Topic J: R&D progress of functionally graded tungsten/EUROFER coating for DEMO First Wall	
13:00	13:30	The Theatre (B): Inesh Kanchhola, Topic I: Comparative analysis of high-temperature oxidation protection of tungsten in different compositions		The Theatre (B): Francisco Javier Fariñas, Topic A: Best Practices and Methodology on Tokamak Dimensional Risk Management: ITER to DEMO		The Theatre (B): Yuan Mao, Topic I: Demonstrating long tungsten fiber-reinforced tungsten composites as plasma-facing materials	
13:30	13:40	The Space (C): Dan Wünderlich, Topic C: CW beam extraction from the NBT test facility LUSE: Approaching the ITER target values		The Space (C): Klaus Schmid, Topic G: Transition in tungsten and EUROFER and its influence on tritium self-sufficiency		The Space (C): Monica Martinez Lopez, Topic F: ITER Project Post-Field Coil Production Completion	
13:40	15:30	Lunch Break		Lunch Break		Lunch Break	
15:30	16:00	Coach transfers from the Helix to Glasnevin Cemetery		Coach Transfers from the Helix to Glasnevin Cemetery		Coach Transfer from the Helix to Guinness Storehouse	
16:00	16:30	Tea/Coffee Break		Tea/Coffee Break		Tea/Coffee Break	
16:30	17:00	Oral Session 2 (Afternoon) The Mahony Hall (A) The Theatre (B) The Space (C)		Oral Session 3 (Afternoon) The Mahony Hall (A) The Theatre (B) The Space (C)		Oral Session 4 (Afternoon) The Mahony Hall (A) The Theatre (B) The Space (C)	
17:00	17:20	The Mahony Hall (A): Inesh Kanchhola, Topic I: Comparative analysis of high-temperature oxidation protection of tungsten in different compositions		The Mahony Hall (A): Koji Takahashi, Topic A: Achievement of First Plasma and Successful Integrated Commissioning in JT-60SA		The Mahony Hall (A): Masaki Nakajima, Topic I: Effects of magnetic force and magnetic field orientation on corrosion products precipitated on FB21	
17:20	17:40	The Theatre (B): Dan Wünderlich, Topic C: CW beam extraction from the NBT test facility LUSE: Approaching the ITER target values		The Theatre (B): Paul Steiner, Topic A: Lessons Learned from RISE supporting ITER for the DT2E/DT3 campaigns: Operational Emotions, Behaviors, and Impact of Completed/Outstanding Upgrades		The Theatre (B): Dmytro TEBENYEV, Topic I: Development of irradiation and high-temperature resistant steels for fusion applications	
17:40	18:00	The Space (C): Stefan Ily, Topic C: Design Harmonic of the Cyclotron Frequency		The Space (C): Garrett Aspinall, Topic G: Putting the Sun in a Box: An Industry Perspective on the Design and Manufacture of Plasma Facing Components		The Space (C): Alessandro Lampari, Topic F: Tests of power supply and fast discharge unit for the Frascati Cold Cold Test Facility	
18:00	18:30	Coach transfers from the Helix to Croke Park		Coach transfers from the Helix to Croke Park		Coach Transfer from the Helix to Guinness Storehouse	
18:30	19:00	SOFT 2024 Welcome Reception: Croke Park, Dublin		SOFT 2024 Welcome Reception: Croke Park, Dublin		Social Dinner: Guinness Storehouse	
19:00	19:30	SOFT 2024 Welcome Reception: Croke Park, Dublin		SOFT 2024 Welcome Reception: Croke Park, Dublin		Social Dinner: Guinness Storehouse	
19:30	20:00	SOFT 2024 Welcome Reception: Croke Park, Dublin		SOFT 2024 Welcome Reception: Croke Park, Dublin		Social Dinner: Guinness Storehouse	
20:00	20:30	SOFT 2024 Welcome Reception: Croke Park, Dublin		SOFT 2024 Welcome Reception: Croke Park, Dublin		Social Dinner: Guinness Storehouse	
20:30	21:00	SOFT 2024 Welcome Reception: Croke Park, Dublin		SOFT 2024 Welcome Reception: Croke Park, Dublin		Social Dinner: Guinness Storehouse	
21:00	21:30	SOFT 2024 Welcome Reception: Croke Park, Dublin		SOFT 2024 Welcome Reception: Croke Park, Dublin		Social Dinner: Guinness Storehouse	
21:30	22:00	SOFT 2024 Welcome Reception: Croke Park, Dublin		SOFT 2024 Welcome Reception: Croke Park, Dublin		Social Dinner: Guinness Storehouse	
22:00	22:30	SOFT 2024 Welcome Reception: Croke Park, Dublin		SOFT 2024 Welcome Reception: Croke Park, Dublin		Social Dinner: Guinness Storehouse	
22:30	23:00	SOFT 2024 Welcome Reception: Croke Park, Dublin		SOFT 2024 Welcome Reception: Croke Park, Dublin		Social Dinner: Guinness Storehouse	

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition

R&D Exhibition