

33rd Symposium on Fusion Technology (SOFT 2024)
22-27 September 2024, The Helix, Dublin City University, Ireland
Draft Programme Outline_20-06-2024_V0.1

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		Plenary Session 2: The Mahony Hall		Plenary Session 3: The Mahony Hall		Plenary Session 4: The Mahony Hall	
09:00	09:20	OPENING CEREMONY Welcome, Mahony Hall							
09:20	09:30	Pietro Barabaschi, IIR Director: The ITER Project: moving forward to an updated baseline							
09:30	09:40	Hiroshi Shirai, QST: Overview of Japanese Fusion Strategy							
09:40	09:50	Jan Coenen, Forschungszentrum Jülich, Topic J: Navigating the Challenges of First Wall Materials in ITER and Future Fusion Reactors							
09:50	10:10	Samuele Dal Bello, Consorzio RFX, Topic C: Recent results and prospects of the ITER Neutral Beam Test Facility (NBTf)							
10:10	10:20	Lu Kun, IPP China, Topic B: Recent progress of CN superconducting tokamak development							
10:20	10:30	Richard Pearson, Kyoto Fusionering, Topic I: Tritium: High-level overview of key challenges for commercial fusion deployment							
10:30	11:00	Tea/Coffee Break							
11:00	11:30	Tea/Coffee Break							
11:30	11:40	European Commission Innovation SOFT prize ceremony, The Mahony Hall							
11:40	12:00	The Mahony Hall (A) Anika DEGENH, Topic G Main achievements from operating an actively cooled ITER grade W divertor on WEST		The Theatre (B) Tamas Szepes, Topic E Visible video diagnostics for the support of Wendelstein 7-X and JT-60SA commissioning and operation		The Space (C) Ansa Wu Fang, Topic D Progress in the ITER Plasma Control System design			
12:00	12:20	Janek Tveer, Topic G: Repair of heat load damaged plasma-facing material by direct energy deposition		Björn Brennen, Topic E: Experiments on Spentary Weyl Liquid Metal Surface of Selected Optical Distance		Bernhard Sieglin, Topic D: H-Mode density limit disruption avoidance in ASDEX Upgrade, TCV and JT			
12:20	12:40	Sophie CARPENTIER, Topic G: Impact of plasma heat load specifications on the proposed ITER tungsten first wall design		Quentin Polton, Topic E: Comparison of Solid State Neutron Detectors for 14 MeV Neutron Measurement under high Temperature up to 500°C		Morlen Bernholm, Topic D: Burn relevant D-T mixture control at JT design			
12:40	13:00	Auel Lorenz, Topic G: Completing the actively cooled first wall for W7-X high heat flux plasma operation		Pilar Cano Magas, Topic E: Novel technique for main ion temperature measurements at the hot liquid flux surface using thermal neutrals		Filip Janek, Topic D: SOPNA: a tokamak simulator			
13:00	13:30	Lunch Break							
13:30	14:30	Poster Session I							
14:30	15:30	Tea/Coffee Break							
15:30	16:00	Tea/Coffee Break							
16:00	16:30	The Mahony Hall (A) Vicenzo Nardic, Topic I: Status of the EU DEMO Coolant Purification System activities		Pet Vondracek, Topic B: COMPASS Upgrade: From design to construction Status of the COMPASS Upgrade tokamak		Deirdre Bolson, Topic C: ITER heating systems and the new baseline upgrade tokamak			
17:00	17:20	Inesh Kerenika, Topic I: Comparative analysis of high-temperature operation processes of beryllides of different compositions		Matthia Licinio, Topic B: Physics Basis of a Volumetric Neutron Source (VNS) for component testing and qualification		Arthur Adriane, Topic C: An automatic matching system for the ICRF antenna at TOMAS			
17:20	17:40	Bradat-Eugen Ghidra, Topic I: Experimental activities in support of the EU DEMO Helium Cooled Pebble Bed Blanket design and qualification		George Bips, Topic B: The DIII-D National Fusion Facility, supporting ITER and the Reactor Path		Dirk Wunderlich, Topic C: CW beam extraction from the NBI test facility EUDE: Approaching the ITER target values			
17:40	18:00	Remi Delaporte-Mathurin, Topic I: Advancements in Tritium Breeding: towards achieving self-sufficiency in Fusion Power Plants through Liquid Immersion Blanket Concept		Louis Butt, Topic B: Design and validation of a fusion neutron source at the Birmingham MCFD cyclotron		Shawn Tang, Topic C: Results from the High-Power Helicon Current Drive System at DIII-D			
18:00	18:30	Coach transfers from the Helix to Croke Park							
18:30	19:00	SOFT 2024 Welcome Reception: Croke Park, Dublin							
19:00	19:30	Coach Transfer from the Helix to Guinness Storehouse							
19:30	20:00	Social Dinner: Guinness Storehouse							
20:00	20:30								
20:30	21:00								
21:00	21:30								
21:30	22:00								
22:00	22:30								
22:30	23:00								