Monday 2/10/2023		Tuesday 3/10/2023		Wednesday 4/10/2023		Thursday 5/10/2023	
08:00 - 08:30	Registration						
08:30 - 09:00	Welcome by LOC						
Oral Session 1 (Bonfiglio) *Scrape-off layer*		**Oral Session 5 (Helander)** *Inertial fusion and confinement scalings*		**Oral Session 8 (Velasco)** *Stellarator optimization*		**Oral Session 11 (Grasso)** *Magnetic reconnection*	
09:00 - 09:50	[I.1│#89] Tskhakaya (50')	09:00 - 09:50	[I.2│#99] Volpe (50')	09:00 - 09:50	[I.3│#18] Helander (50')	09:00 - 09:50	[I.4│#29] Muraglia (50')
09:50 - 10:30	[I.5│#100] Casali (40')	09:50 - 10:30	[I.9│#6] Verdoolaege (40')	09:50 - 10:30	[I.12│#77] Sánchez (40')	09:50 - 10:30	[I.15│#92] Granier (40')
10:30 - 11:00	Coffee break	10:30 - 11:00	Coffee break	10:30 - 11:00	Coffee break	10:30 - 11:00	Coffee break
Oral Session 2 (Calvo) *Kinetic modelling*		**Oral Session 6 (Newton)** *Pedestal and PFCs*		**Oral Session 9 (Zocco)** *Stellarator dynamics and transport*		**Oral Session 12 (Van Eester)** *Turbulent transport and PWI*	
11:00 - 11:40	[I.6│#83] Di Giannatale (40')	11:00 - 11:40	[I.10│#22] Trinczek (40')	11:00 - 11:40	[I.13│#5] Calvo (40')	11:00 - 11:40	[I.16│#85] Volčokas (40')
11:40 - 12:05	[O.1│#38] Podavini (25')	11:40 - 12:05	[O.7│#20] Turica (25')	11:40 - 12:05	[O.11│#53] Albert (25')	11:40 - 12:05	[O.15│#88] Yanovskiy (25')
12:05 - 12:30	[O.2│#35] Munschy (25')	12:05 - 12:30	[O.8│#40] Altintas (25')	12:05 - 12:30	[O.12│#76] Shanahan (25')	12:05 - 12:30	[O.16│#26] Ivanov (25')
12:30 - 14:00	Lunch break	12:30 - 14:00	Lunch break	12:30 - 14:00	Lunch break	12:30 - 14:00	Lunch break
Oral Session 3 (Romanelli) *Numerical methods*		**Oral Session 7 (Lauber)** *MHD modelling*		**Oral Session 10 (Kazakov)** *Energetic particles*		**Oral Session 13 (Tsironis)** *Spherical tokamaks*	
14:00 - 14:40	[I.7│#4] Acton (40')	14:00 - 14:40	[I.11│#97] Mitterauer (40')	14:00 - 14:40	[I.14│#39] Lauber (40')	14:00 - 14:25	[O.17│#81] Romanelli (25')
14:40 - 15:05	[O.3│#12] Baty (25')	14:40 - 15:05	[O.9│#60] Korving (25')	14:40 - 15:05	[O.13│#14] Falessi (25')	14:25 - 14:50	[O.18│#93] Gryaznevich (25')
15:05 - 15:30	[O.4│#16] Cipolletta (25')	15:05 - 15:30	[O.10│#72] Kryzhanovskyy (25')	15:05 - 15:30	[O.14│#27] Ruiz Ruiz (25')	14:50 - 15:20	Closing ceremony
15:30 - 16:00	Coffee break	15:30 - 16:00	Coffee break	15:30 - 16:00	Coffee break		
Oral Session 4 (Parra) *Heating and current drive*		**Poster Session 1**		**Poster Session 2**			
16:00 - 16:40	[I.8│#86] Poli (40')	16:00 - 18:00	[P1.1 - P1.30] (120')	16:00 - 18:00	[P2.1 - P2.30] (120')		
16:40 - 17:05	[O.5│#8] Van Eester (25')						
17:05 - 17:30	[O.6│#66] Kominis (25')						
Social Programme		**Closed Session**	**Social Programme**	**Social Programme**		**Social Programme**	
17:45 - 19:30	Guided tour	18:15 - 20:00	18:00 - 18:40 Spritz apertif	20:00 - 23:00	Conference dinner	15:45 - 18:30	Visit to Consorzio RFX
19:30 - 21:00	Welcome reception	SPC meeting	19:00 - 20:00 Concert				

Code	ID	Presenter	Title
			Session 1 (Tuesday 3/10/2023, 16:00 - 18:00)
P1.1	#1	Nicolas Lopez	New solution to Airy's equation for describing electromagnetic beams near turning points
P1.2	#10	Karima Bendib-Kalache	Nonlocal transport theory in relativistic plasmas
P1.3	#11	Chiara De Piccoli	NBI energetic particle confinement and orbit characterization for Divertor Tokamak Test plasma scenarios
P1.4	#13	Annika Stier	Towards electromagnetic simulations with the gyrokinetic full-f code PICLS
P1.5	#15	Will Clarke	Alfvénic instability and critical balance in ion-scale electromagnetic turbulence driven by electron temperature gradient
P1.6	#17	Felix Antlitz	Hybrid kinetic-MHD simulations of the fishbone instability with JOREK
P1.7	#21	Stefan Mijin	ReMKiT1D – A novel framework for building 1D reactive multi-fluid models of the Scrape-Off Layer with kinetic electrons
P1.8	#25	Nicholas Vivenzi	Viscosity profile studies in 3D non-linear MHD modeling of RFP fusion plasmas
P1.9	#28	Christos Tsironis	Beam-tracing analysis of EC-assisted breakdown and high-frequency core heating in various DEMO scenarios
P1.10	#30	Mattia Dicorato	Gyrokinetic Simulations of JET Pedestal Top Plasmas in Different Regimes
P1.11	#31	Luca Spinicci	3D boundary flow impact in modelling free-boundary instabilities with resistive-shell-based boundary conditions in the nonlinear MHD code SPECYL
P1.12	#32	Riccardo Ragona	Parametric Decay Instabilities in Electron Cyclotron Wall Conditioning: Comparison Between Models and Experiments
P1.13	#33	Paul Costello	Optimal modes of gyrokinetic free energy growth with trapped electrons
P1.14	#34	Andrei Ludvig-Osipov	An efficient conservative solver for plasma transport equations in tokamaks
P1.16	#37	Pietro Vincenzi	Characterization of L-H transition density branches in JET D-T plasmas through a power balance analysis
P1.17	#41	Zetao Lin	Analysis of Impurity Clustering in the Edge Plasma of Tokamaks
P1.18	#73	Nicolas Dubuit	Magnetic Structure of Turbulence-Driven Magnetic Islands
P1.19	#43	Yen Chen Chen	Neural Network for Magnetohydrodynamic Simulations
P1.20	#44	Lukas Baehner	Pitch Angle Averaged Quasi-Linear Operator for ICRH
P1.21	#45	Samuel Ernst	Toward the implementation of the full-f nonlinear Coulomb collision operator with the gyromoment approach
P1.22	#46	Vincent Maquet	First Attempt to Describe Ponderomotive Effects in front of an ICRH launcher using HFSS
P1.23	#47	Marco Veranda	The role of plasma flow on quasi-helical states in reversed-field pinches
P1.24	#48	Zhixin Lu	Piecewise field-aligned finite element method in particle simulations
P1.25	#49	Peter De Lucca	Simulation of electromagnetic effects in boundary turbulence with the GBS code
P1.27	#65	Yannis Kominis	Quantification and Comparison of Magnetic and Kinetic Chaos in Toroidal Plasmas
P1.28	#94	Daniela Grasso	Linear and nolinear analysis of magnetic reconnection driven by a runaway current
P1.29	#95	Joachim Jacques Koerfer	Advanced modelling of heavy impurity tokamak transport in rotating 3D magnetic fields
P1.30	#101	Vandana Dwarka	Towards Robust Numerical Solvers for Nuclear Fusion Simulations Using JOREK: A Numerical Analysis Perspective

Session 2 (Wednesday 4/10/2023, 16:00 - 18:00)			
Code	ID	Presenter	Title
P2.1	#7	Boumediene Touil	Effects of the nonlinear inverse bremsstrahlung absorption on the dispersion and damping of electron plasma waves
P2.2	#19	Alessandro Zocco	Maximum-J properties for finite-β collisionless microinstabilities in general geometry
P2.3	#24	Felix Parra	Linear equations for stellarator local MHD equilibria around irrational and rational flux surfaces
P2.4	#51	Guo Meng	A solver for energetic particles transport in constants of motion space with collision and phase space zonal structures in tokamak plasmas
P2.5	#90	Antoine Pierre Emmanuel Merle	Implementation of an analytical Jacobian in the MEQ free-boundary tokamak equilibrium code suite
P2.6	#54	Nicolas Dubuit	Turbulence driven magnetic islands in high-β plasmas: generation and non-linear dynamics
P2.7	#56	Maria Filomena Ferreira Nave	Modelling Intrinsic Rotation Reversals in JET Plasmas
P2.8	#57	Björn Zaar	Importance of Parallel Dispersion in ICRF Modelling of Travelling Wave Antenna Concept in DEMO-Like Plasmas in 2D Axisymmetry
P2.9	#59	Susanna Cappello	Reconnection processes in 3D MHD modeling of Reversed Field Pinch magnetic self-organization
P2.10	#61	Barbara Momo	Description of magnetic field lines without arcana
P2.11	#62	José Luis Velasco	Robust stellarator optimization via flat mirror magnetic fields
P2.12	#63	John Omotani	Demonstration of moment-kinetics approach for edge modelling
P2.13	#67	Michael Richard Hardman	E×B drift physics on open field lines in a drift-kinetic model
P2.14	#68	Alexandre Halbach	Plasma edge simulations using Sparselizard C++ finite element library
P2.15	#69	Yann Narbutt	Simulation of fully global electromagnetic turbulence in the stellarator W7-X
P2.16	#70	Mantas Abazorius	Kinetic Analysis of the collisional layer
P2.17	#71	Philippe Lamalle	Integral dielectric kernels for Maxwellian tokamak plasmas
P2.18	#42	Noah Chulu Chinn	Investigation of the Various Damping Channels of TAEs applied to Spherical Tokamaks
P2.19	#74	Serafeim Misdanitis	Preliminary assessment of deterministic kinetic modeling for neutral particles in the JET sub-divertor
P2.20	#75	Sarah Newton	Enrichment of impurities seeded for exhaust control in spherical tokamak power plant geometry
P2.21	#78	Christoph Slaby	RF-NBI schemes for fast-ion generation in the next operation phases of Wendelstein 7-X
P2.22	#79	Alan Goodman	Finding Stable Quasi-Isodynamic Designs (SQuIDs) for Stellarators
P2.23	#80	Javier Escoto	Fast evaluation of the bootstrap current in stellarators
P2.24	#82	Guillermo Luis Godino Sedano	Quasi-isodynamic stellarator optimisation for several periodicities
P2.25	#84	Christos Tsironis	Breakdown time estimation for EC-assisted start-up in tokamaks
P2.26	#87	Hugo de Blank	SOLPS-ITER modelling of plasma rotation with co-rotating atoms in the Magnum-PSI beam
P2.27	#52	Romain Futtersack	Implementation of complex magnetic geometries in the multi-fluid code EDGE2D-Eirene
P2.28	#91	David Korger	Modulational instability in isolated dynamics of Geodesic-Acoustic-Mode packets
P2.29	#96	Dario Borgogno	Electron temperature effects on plasmoids and Kelvin-Helmholtz vortices in collisionless turbulent plasmas
P2.30	#98	Yevgen Kazakov	Application of three-ion ICRF scenarios for optimizing ion heating in the ramp-up phase in future tokamaks