

**EFTC-2019 (7 - 10 October 2019), Ghent, Belgium:
Conference timetable**

	Monday, 07/10/2019	Tuesday, 08/10/2019	Wednesday, 09/10/2019	Thursday, 10/10/2019
08:00 - 08:30	Registration			
08:30 - 09:00	Welcome talk by LOC (30')			
09:00 - 09:50	Jenko (50') - [T-01]	Weisen (50') - [T-02]	Pusztai (50') - [T-03]	Janvier (50') - [T-04]
09:50 - 10:30	Frei (40') - [I-01]	Kappatou (40') - [I-04]	Hardman (40') - [I-07]	Loizu (40') - [I-10]
10:30 - 11:00	Coffee break	Coffee break	Coffee break	Coffee break
11:00 - 11:40	García-Regaña (40') - [I-02]	Chacon (40') - [I-05]	Landreman (40') - [I-08]	Tolman (40') - [I-11]
11:40 - 12:05	Kleiber (25') - [O-01]	Lapenta (25') - [O-08]	Palermo (25') - [O-11]	Parisi (25') - [O-14]
12:05 - 12:30	Nikulsin (25') - [O-02]	Murari (25') - [O-09]	Rakha (25') - [O-12]	Ivanov (25') - [O-15]
12:30 - 14:00	Lunch break	Lunch break	Lunch break	Lunch break
14:00 - 14:40	Fitzgerald (40') - [I-03]	Bilato (40') - [I-06]	Macusova (40') - [I-09]	Cappello (40') - [I-12]
14:40 - 15:05	Orain (25') - [O-03]	Van Eester (25') - [O-10]	Hoppe (25') - [O-13]	Si (25') - [O-16]
15:05 - 15:30	Baty (25') - [O-04]	Poster session #1, start at 15:05	Poster session #2, start at 15:05	Closing ceremony
15:30 - 16:00	Coffee break	Coffee break	Coffee break	
16:00 - 16:25	Caschera (25') - [O-05]	Poster session #1 15:05-17:40	Poster session #2 15:05-17:40	
16:25 - 16:50	Giacomin (25') - [O-06]			
16:50 - 17:15	Gryaznevich (25') - [O-07]			
17:15 - 17:40				
18:30 - 20:00	Welcome reception	17:40 - 19:30 Programme Committee Meeting	18:30 - 20:00: Walking tour 20:00 - 23:00: Banquet	

Tutorial talks				
ID	Last name	First name	Title	Date
T-01	Jenko	Frank	Gyrokinetic simulations: recent achievements and new opportunities	Monday, 07/10/2019
T-02	Weisen	Henri	Isotope dependence of energy, momentum and particle confinement in tokamaks	Tuesday, 08/10/2019
T-03	Pusztai	István	Fully electromagnetic zonal flow residuals	Wednesday, 09/10/2019
T-04	Janvier	Miho	Combining observations, models and numerical simulations for a better understanding of solar eruptions	Thursday, 10/10/2019

Invited talks				
ID	Last name	First name	Title	Date
I-01	Frei	Baptiste	A gyrokinetic model for the plasma periphery of fusion devices	Monday, 07/10/2019
I-02	García-Regaña	Jose Manuel	State-of-the-art modeling of neoclassical impurity transport in stellarators	Monday, 07/10/2019
I-03	Fitzgerald	Michael	HALO: nonlinear full-orbit modelling of fast particles driving bulk plasma eigenmodes	Monday, 07/10/2019
I-04	Kappatou	Athina	The properties of Helium in tokamak plasmas: experimental studies and comparisons with theoretical predictions	Tuesday, 08/10/2019
I-05	Chacon	Luis	Multiscale, conservative hybrid kinetic-ion/fluid-electron algorithms for high-fidelity plasma simulation	Tuesday, 08/10/2019
I-06	Bilato	Roberto	Progress in understanding the impact of ICRH heating on high-Z impurity transport, modeling fast-ion distribution function and turbulence stabilization by fast ions	Tuesday, 08/10/2019
I-07	Hardman	Michael	Suppression of the electron temperature gradient instability via cross-scale interactions with ion gyroradius scale turbulence	Wednesday, 09/10/2019
I-08	Landreman	Matt	Optimized stellarators without optimization: direct construction of stellarator shapes with good confinement	Wednesday, 09/10/2019
I-09	Macusova	Eva	The impact of resonant magnetic perturbations on the runaway electron dynamics	Wednesday, 09/10/2019
I-10	Loizu	Joaquim	Stability and nonlinear saturation of reconnecting current sheets in a helicity-conserving variational model	Thursday, 10/10/2019
I-11	Tolman	Elisabeth	Theory and modeling of fusion alpha-driven TAEs in high magnetic field devices	Thursday, 10/10/2019
I-12	Cappello	Susanna	Recent developments in the studies of plasma self-organization in the Reversed-Field Pinch and impact on transport properties	Thursday, 10/10/2019

Oral presentations				
ID	Last name	First name	Title	Date
O-01	Kleiber	Ralf	Global gyrokinetic PIC simulations for stellarators and heliotrons with emphasis on experimentally relevant scenarios	Monday, 07/10/2019
O-02	Nikulsin	Nikita	A three-dimensional reduced MHD model consistent with full MHD	Monday, 07/10/2019
O-03	Orain	François	Recent progress on kinetic-MHD modeling of the interplay between fast particles and macroscopic modes in tokamak plasmas using XTOR-K	Monday, 07/10/2019
O-04	Baty	Hubert	Tilt instability and formation of plasmoid chains	Monday, 07/10/2019
O-05	Caschera	Elisabetta	Core-Edge-SOL interplay of turbulence in global and flux-driven gyrokinetic simulations	Monday, 07/10/2019
O-06	Giacomin	Maurizio	Properties of plasma turbulence in the periphery of diverted tokamaks	Monday, 07/10/2019
O-07	Gryaznevich	Mikhail	Theoretical and experimental studies of confinement in high field ST	Monday, 07/10/2019
O-08	Lapenta	Giovanni	ECSim: Energy Conserving Semi Implicit Particle in Cell method	Tuesday, 08/10/2019
O-09	Murari	Andrea	Data Driven Theory to Support Model Formulation and the Design of New Experiments	Tuesday, 08/10/2019
O-10	Van Eester	Dirk	Ion cyclotron resonance heating modeling of JET, ITER and DEMO scenarios within the EUROfusion Integrated Modeling (EU-IM) framework	Tuesday, 08/10/2019
O-11	Palermo	Francesco	On the performance of future tokamak devices based on scaling law predictions	Wednesday, 09/10/2019
O-12	Rakha	Allah	Shear Alfvén wave continuum spectrum with bifurcated helical core equilibria	Wednesday, 09/10/2019
O-13	Hoppe	Mathias	Spatiotemporal analysis of the runaway current from synchrotron images in a tokamak disruption	Wednesday, 09/10/2019
O-14	Parisi	Jason	Toroidal and slab ETG instability dominance in the linear spectrum of JET-ILW pedestals	Thursday, 10/10/2019
O-15	Ivanov	Plamen	Zonal Flow — Drift-Wave Interactions in two-dimensional curvature-driven fluid ITG turbulence	Thursday, 10/10/2019
O-16	Si	Hang	Advanced Power Exhaust Studies in EAST and DIII-D	Thursday, 10/10/2019

Poster session #1: 08/10/2019			
Poster ID	Last name	First name	Title
P1-01	Ajay	C.J.	How the self-interaction mechanism affects zonal flow drive and convergence of flux-tube turbulent transport simulations with system size
P1-02	Bizarro	João	Exact Conservative Solutions of Fluid Models for SOL Turbulence
P1-03	Bradshaw	Jack	Hall-MHD Modelling of CAEs and their interaction with fast ion populations
P1-04	Buermans	Johan	1D description of transport in TCV ECRH plasma
P1-05	Calvo	Iván	Stellarator impurity transport driven by main ion pressure anisotropy
P1-06	Donnel	Peter	Multi-species collision operator for Particle-In-Cell gyrokinetic code
P1-07	Dubuit	Nicolas	Dynamics and spectral properties of Turbulence-Driven Magnetic Islands
P1-08	Gillot	Camille	Questioning the quasilinear nature of turbulent transport by means of gyrokinetic flux-driven nonlinear simulations
P1-09	Kominis	Yannis	Finite-Orbit-Width Effects in the Orbital Spectrum of Guiding Center Motion
P1-10	Kryzhanovskyy	Artur	Alfvén waves in nonlinear 3D MHD modelling of RFP plasmas
P1-11	Maquet	Vincent	Optimized Phasing Conditions to Avoid Coaxial Mode Excitation by ICRH Antennas
P1-12	Obrejan	Kevin	Influence of the normalised gyroradius on neoclassical transport in global gyrokinetic simulations using the code GT5D
P1-13	Omotani	John	Scrape-off layer turbulence with STORM: overview of recent physics studies and upgrade of staggered grids in BOUT++
P1-14	Papadopoulos	Aristeides	Scattering of radio frequency waves by randomly modulated density interfaces in the edge of fusion plasmas
P1-15	Papagiannis	Panagiotis	Effective constitutive parameters of the turbulent tokamak plasma in the scrape-off layer with homogeneous distribution of filamentary structures
P1-16	Sánchez	Edi	Toward reliable non-linear gyrokinetic PIC simulations in stellarators with the code EUTERPE
P1-17	Widmer	Widmer	Isotope Mass Impact on the Electromagnetic Stabilization of ITG

Poster session #2: 09/10/2019			
Poster ID	Last name	First name	Title
P2-01	Abazorius	Mantas	Kinetic Analysis of the Collisional Layer
P2-02	Adkins	Toby	The long-time behavior of electrostatic, collisionless plasmas
P2-03	Bonfiglio	Daniele	Effect of a refined magnetic boundary on MHD modelling of helical self-organization in the RFP
P2-04	Croitoru	Andrea	Dynamic generation of velocity shear at the edge of plasma during NBI
P2-05	Croonen	Joost	Tokamak disruption prediction using different machine learning techniques
P2-06	Insulander-Björk	Klara	Kinetic Modeling of Runaway Generation in Argon-induced Disruptions in ASDEX Upgrade
P2-07	Lee	Myoung-Jae	Nuclear Fusion Reaction Process in Nonideal Plasmas
P2-08	Martin	Mike	Temperature screening of impurities in stellarators and tokamaks deviating from symmetry
P2-09	Maurino	Javier	Effect of up-down asymmetry on the plasma current
P2-10	Newton	Sarah	1D study of target particle flux dependencies with SOLPS-ITER
P2-11	Palade	Dragos	Decorrelation PDF Method for stochastic transport in strongly turbulent plasmas
P2-12	Sarazin	Yannick	Impact of Asymmetries and Anisotropy on Transport
P2-13	Slugen	Vladimir	Vacancy type defects behavior in materials foreseen for thermonuclear fusion — PAS near surface studies
P2-14	Tsironis	Christos	Effects of edge density fluctuations to ECCD used for NTM stabilization
P2-15	Vozniuk	Dmytro	Test Particle Simulations for non-Maxwellian plasma transport: Discretized Collision Operator
P2-16	Xia	Guoliang	Effects of poloidal flow on resistive wall mode in toroidally rotating plasmas
P2-17	Zocco	Alessandro	Kinetic Infernal Modes for Wendelstein 7-X-like iota-profiles