

ECMRP2025 Program				
June 17 th	DAY 1			
8:15 - 8:45	Regitration			Chair
8:45 – 9.00	Opening		Welcome message from the Rector of Politecnico	
9:00 - 10:00	Philippa Browning & Francois Waelbroeck		Q&A session with Francesco Pegoraro	Grasso
10:00 – 10:35	Plasma Obseravotory Team		Unveiling plasma energization and energy transport in the Earth’s Magnetospheric System: the Plasma Observatory mission	
10:35 – 11:05	coffee break			
11:05 – 11:40	Taweesak Jitsuk		Multi-Scale Turbulent Interactions between Tearing Modes and Microturbulence in Magnetically Confined Plasmas	
11:40 -12:15	Tak Chu Li			
12:15 – 12:50	Vittoria Berta			
12:50 - 14:30	lunch		Unveiling three-dimensional relativistic reconnection dynamics prompted by the ideal tearing mode instability	
14:30 -15:05	Marco Veranda			
15:05 – 15:40	Fatima Ebrahimi			
15:40 - 16:15	Morgan Stores		Constraining turbulent solar flare acceleration by connecting kinetic modeling and multi-wavelength observation	
16:15 - 16:45	coffee break			
16:45 - 17:20	Nitin Shukla		Astro & Plasma Physics at CINECA: Perspectives and Prospects	
18:00:18:30	VISIT to OGR			
18:30 - 20:30	WELCOME “APERITIVO”			
June 18 th	DAY 2			
9:00 – 9:50	Anna Tenerani (Tutorial)		Magnetic field reconnection in space plasmas	Browning
9:50 – 10:25	Dmitri Uzdensky		Radiative Relativistic Magnetic Reconnection in Extreme Astrophysical Plasmas	
10:25 – 11:00	Giulia Becatti		Magnetic reconnection as a means for advanced high specific impulse plasma thrusters	
11:00 – 11:30	coffee break			
11:30 – 12:05	Luis Richard		Electron Heating by Parallel Electric Fields in Magnetotail Reconnection	Eriksson
12:05 – 12:40	Alodie Grondin		Numerical Investigation of Fishbone Phase-space Nonlinear Dynamics	
12:40 – 14:20	lunch			
14:20 – 14:55	Kevin Schoeffler		Energetic spectra of relativistic reconnection at large scales using implicit PIC methods	Cappello
14:55 – 15:30	S. Benjamin		A review of Machine Learning-driven tearing studies for disruption prediction	
15:30 – 16:05	Antonia Frank		Measurement and modeling of [neoclassical] tearing modes at TCV	
16:05 – 18:00	POSTER & COFFEE			
20-23	SOCIAL DINNER		Esperia Restaurant	
June 19 th	DAY 3			
9:00 -9:50	Franco Porcelli (Tutorial)		Fast magnetic reconnection in magnetically confined laboratory plasmas	Pueschel
9:50 – 10:25	Xenia Aleynikova		Exploring sawtooth-like crashes triggered by current drive in Wendelstein 7-X	
10:25 – 11:00	Sam Totorica		Energy Partitioning of Magnetic Reconnection in Electron-Ion Plasmas	
11:00 – 11:30	coffee break			
11:30 – 12:05	Shijie Liu		MHD simulations of interactions between tearing modes and runaway electrons	Muraglia
12:05 – 12:40	Enrico Emanuelli		JOREK simulations of runaway electron beam generation in DTT	
12:40 – 14:20	lunch			
14:20 – 14:55	Fulvia Pucci		Magnetic reconnection in partially ionized plasmas	Waelbroeck
14:55 – 15:30	Romeo Bigué		Impact of reconnection mechanisms on the tearing instability and saturation in the gyrokinetic framework of GYSELA	
15:30 – 16:00	Francesco Pegoraro		Concluding Remarks	
16:00	Closure			