ECMRP2025 Program

1 4 7th		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
0.00 10.00	Timppa Browning a Francoic Wacistocck		0.0.550
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	Stawarz
11:40 -12:15	Tak Chu Li	New opportunities and insights on magnetic reconnection in turbulent plasmas	
12:15 – 12:50	Vittoria Berta	Unveiling three-dimensional relativistic reconnection dynamics prompted by the ideal tearing mode instability	
12:50 - 14:30	lunch		
14:30 -15:05	Marco Veranda	3D magnetic reconnection, mode locking, and flow in reversed-field pinch and tokamak	Borgogno
15:05 – 15:40	Fatima Ebrahimi	Magnetic reconnection plasma thruster	
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	eonotic anning tarbatoric colar hare accoloration by connecting kinetic measing and mate wavelength observation	
16:45 - 17:20	Nitin Shukla	Astro & Plasma Physics at CINECA: Perspectives and Prospects	Marchetto
18:00:18:30	VISIT to OGR	7 Sur & Flashia Friyolos & Chiveon & Feropestives and Frespests	· iai ciictto
18:30 - 20:30	WELCOME "APERITIVO"	SNODO Restaurant	
10.00 20.00	WEEGGINE 711 ENTITIES	on obenitarian	
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	2.09
10:25 – 11:00	Giulia Becatti	Magnetic reconnection as a means for advanced high specific impulse plasma thrusters	
11:00 – 11:30	coffee break	Magnette recentilection as a means for advanced riight opecinic impales placina tindeters	
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	LINSSOII
12:40 – 14:20	lunch	Trameneal investigation of heribene i hade space ivenimeal by hamiles	
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	- Carppens
15:30 – 16:05	Antonia Frank	Measurement and modeling of [neoclassical] tearing modes at TCV	
16:05 – 18:00	POSTER & COFFEE	measurement and measuring or [needlacelear] tearing measure to v	
10.00 10.00	1 00 1211 & 0011 22		
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		_