

8:45 – 9.00	Opening with the Rector of Politecnico	
9:00 - 10:00	Philippa Browning & Francois Waelbroeck	Q&A session with Francesco Pegoraro
10:00 – 10:35	Franco Valentini	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 MR
11:40 -12:15	Tak Chu Li	New opportunities and insights on magnetic reconnection in turbulent plasmas
12:15 – 12:50	tbc	
12:50 - 14:30	lunch	
14:30 -15:05	Marco Veranda	3D magnetic reconnection, mode locking, and flow in reversed-field pinch and tokamak
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	
16:45 - 17:20	Sam Totorica	Energy Partitioning of Magnetic Reconnection in Electron-Ion Plasmas
17:20 - 17:55	Nitin Shukla	Astro & Plasma Physics at CINECA: Perspectives and Prospects
June 18 <sup>th</sup>	DAY 2	
9:00 – 9:50	Anna Tenerani (Tutorial)	Magnetic field reconnection in space plasmas
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
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
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	
June 19 <sup>th</sup>	DAY 3	
9:00 -9:50	Franco Porcelli (Tutorial)	Fast magnetic reconnection in magnetically confined laboratory plasmas
9:50 – 10:25	Xenia Aleynikova	Exploring sawtooth-like crashes triggered by current drive in Wendelstein 7-X
10:25 – 11:00	Luca Comisso	Particle Acceleration by Magnetic Reconnection: Old and New Paradigms
11:00 – 11:30	coffee break	
11:30 – 12:05	Shijie Liu - Hybrid kinetic	MHD simulations of interactions between tearing modes and runaway electrons
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
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	