

PROGRAMME FOR THE
 JOINT VARENNA - LAUSANNE INTERNATIONAL WORKSHOP
 ON
"THEORY OF FUSION PLASMAS"

Villa Monastero, Varenna, Italy
 August 25 - 29, 2008

SUNDAY August 24, 2008

15:00 - 19:00 Registration in Villa Monastero

MONDAY, August 25, 2008

9:00		<i>Welcome</i>	<i>Connor</i>
9:10	1	A. Peeters	Toroidal momentum transport in a tokamak due to small scale instabilities
9:55	2	R. Sanchez	Non-diffusive transport in fusion plasmas: theory and applications
10:40		<i>Coffee break</i>	
11:10	3	E. Belli	Drift-Kinetic simulations of neoclassical transport
11:55	4	A. Schekochihin	Gyrokinetic phase-space turbulence
12:40		<i>Group Photo</i>	
15:00	5	A. Mishchenko	Collisionless dynamics of zonal flows in stellarators Global Turbulence Simulations of CYCLONE Base Case and MAST Plasmas
15:45	6	S. Saarelma	
16:30		<i>Coffee break</i>	
17:00	7	P. N. Guzdar	Parametric excitation of GAMS by electron drift and ITG modes in tokamak plasmas
17:45		end	
21:30		Welcome Party (<i>Hotel Royal Victoria</i>)	

TUESDAY, August 26, 2008

9:00	8	T. Hellsten	Current Drive and Wave Induced Bootstrap Current
9:45	9	Y. Peysson	Calculation of RF current drive in tokamaks
10:30		<i>Coffee break</i>	
11:00	10	A. D. Beklemishev	Shear-flow effects in open traps
11:45	11	D. D. Ryutov	A Snowflake Divertor - an Attempt to Solve the Heat Load Problem for Future Tokamaks
12:30		<i>Lunch</i>	
15:00		Poster session: P1 - P14 in Villa Monastero	
16:00		<i>Coffee break</i>	
18:00		end	

WEDNESDAY, August 27, 2008

9:00	12	F. Villone	Effect of three-dimensional conducting structures on Resistive Wall Modes
9:45	13	T. Hender	Kinetic effects on RWM stabilisation
10:30		<i>Coffee break (30')</i>	
11:00	14	S. Cappello	The Reversed Field Pinch toward magnetic order: a genuine self-organization
11:45	15	X. Tang	Theory and application of magnetic self-organization
12:30	16	A. Ishizawa	Multi-scale interactions among micro-turbulence, macro-MHD, and zonal flow
13:15		<i>Lunch</i>	
17:00			Departure for the excursion to St. Giorgio's Church in Mandello del Lario (departure from Varenna main square) Dinner at the Restaurant "La Brevia" in Lierna

THURSDAY, August 28, 2008

9:00	17	V. Pustovitov	Magnetic coupling of the toroidal plasma with external asymmetries
9:45	18	A. Ito	Effects of finite Larmor radius on equilibria with flow in reduced two-fluid models
10:30		<i>Coffee break</i>	
11:00	19	W. A. Cooper	3D Plasma Equilibrium and Stability with Hot Particle Pressure Anisotropy
11:45	20	P. Maget	MHD limits in non-inductive tokamak plasmas: simulations and comparison to experiments on Tore
12:30		<i>Lunch</i>	
15:00			Poster session: P15 - P28 in Villa Monastero
16:00		<i>Coffee break</i>	
18:00			end
21:30			Concert in Villa Monastero

FRIDAY, August 29, 2008

9:00	21	W. W. Lee	Profile Relaxation Effects in Ion Temperature Gradient Drift Turbulence Simulations
9:45	22	G. Dif-Pradalier	Multiscale Collisional Gyrokinetic Turbulence with GYSELA
10:30		<i>Coffee break</i>	
11:00	23	E. Fable	Parametric dependence of particle pinch coefficients for electron particle transport in linear
11:45	24	A. Koenies	From kinetic MHD in stellarators to a fully kinetic description of wave particle interaction
12:30		<i>Closing session</i>	
12:45		end	