

Convention:	registered people	non registered people	Students (PhD, Master)
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Festival de Théorie 2011 List of Participants					
Name	Attendance			Email address	Topics
	1st week July 4-8	2nd week July 11-15	3rd week July 18-22		
ABITEBOUL Jérémie	X	X	X	Jeremie.abiteboul@cea.fr	Momentum generation & transport in fusion plasmas
AGULLO OLIVIER	X	X		olivier.agullo@univ-provence.fr	
AH DI Liu		X	X	lad@ustc.edu.cn	
BELMONT Gérard	X	X (12/07)		gerard.belmont@lpp.polytechnique.fr	Turbulent heating in non collisional medium (Solar wind)
BENSIALI Bouchra	X	X	X	bensiali@l3m.univ-mrs.fr	
BERIONNI Vincent	X	X	X		
BESSOLAZ Nicolas	X			nicolas.bessolaz@cea.fr	Convection & magnetism in low mass young stars Generation of large scale magnetic field from dynamo action
BEYER Peter	X	X	X	peter.beyer@univ-provence.fr	1. Relaxations of transport barriers 2. Transport in presence of magnetic islands, in particular in the vicinity of barriers 3. Stabilization of barrier relaxations by resonant magnetic perturbations
BIAN Nicolas	X	X		nbian@hotmail.com	Alfvén turbulence; multiplicative noise in dynamical systems; wave-particle self regulation and high energy tails
BOOZER Allen	X	X		Ahb17@columbia.edu	Difference between reconnection in space and laboratory toroidal plasmas (interested in many other topics)
BOS Wouter	X			wouter.bos@ec-lyon.fr	Self-Organization of fluid turbulence, mixing and MHD
BOURDELLE Clarisse	X	X	X	Clarisse.bourdelle@cea.fr	
BREIZMAN Boris	X	X		breizman@mail.utexas.edu	Saturation of instabilities and relaxation processes in weakly driven systems
BROWN Benjamin				bbrown@astro.wisc.edu	
BRUMMEL Nic	X			brummell@soe.ucsc.edu	
BRUN Allan-Sacha	X			allan-sacha.brun@cea.fr	Consistent Solar models
BRUNO Rémi	X	X	X	remi.bruno@cea.fr	Turbulence emergence during the transition from the linear to the non linear regimes
BUFFERAND Hugo	X	X	X	hugo.bufferand@gmail.com	Heat transport in rarefied gas/plasma - non local formulation Plasma turbulence simulation & transport barriers
CAMENEN Yann			X	y.pocari@gmail.com	
CARLEVARO Naki		10 to 13		nakia.carlevaro@gmail.com	Plasma-Wave Interaction, Non-linear Physics
CARTIER-MICHAUD Thomas	X	X	X	thomas.cartier-michaud@cea.fr	
CIRAULO Guido	X	X	X	ciraolo@l3m.univ-mrs.fr	Relaxation and self organisation of transport barriers, interaction with turbulent transport Theoretical and numerical Modelling of Heat transport in tokamak plasmas Interplay between edge and SOL plasma
COLLINS Cami	X	X		cscollins2@wisc.edu	
COMISSO Luca	X	X		Luca.comisso@polito.it	Magnetic reconnection
DE GUILLEBON Loïc	X	X		loic.de-guillebon@cpt.univ-mrs.fr	
DEL SARTO Daniele	X			daniele.delsarto@ijl.nancy-universite.fr	
DE NIGRIS Sarah	X	X	X	decnira@gmail.com	
DERIAS Erwan	X	X		erwan.deriaz@l3m.univ-mrs.fr	Numerical analysis, Magnetohydrodynamics
DIAMOND Patrick	X	X	X	diamonph@gmail.com pdiamond@physics.ucsd.edu	Dynamical Friction in Turbulent Relaxation: Where has it gone and how do we bring it back
DIF-PRADALIER Guilhem	X	X	X	guilhem.dif-pradaliere@cea.fr	Self organisation in tokamak turbulence
DO CAO Olivier	X			olivier.do-cao@cea.fr	Stellar magnetism
DONG Yue	X	X	X		
DUMONT Rémi	X	X	X	remi.dumont@cea.fr	Wave heating, energetic particles
EDLUND Eric	X	X		eedlund@pppl.gov	Drift & Rossby waves Zonal flow formation in planetary & solar structures Observations of ZF in tokamaks & their relation to transport/energy confinement
ESCANDE Dominique	X	X		dominique.escande@univ-provence.fr	Quasilinear theory for the weak warm beam instability
FALCHETTO Gloria	X	X		gloria.falchetto@cea.fr	
FARGE Marie	X	X	X	farge@lmd.ens.fr	What is turbulent dissipation about
FEDORCZAK Nicolas	X	X	X	nfedorczak@mail.ucsd.edu	Self organized momentum coupling between SOL and plasma edge
FOREST Cary	X			cbforest@wisc.edu	Laboratory Dynamos, Plasma based experiments on Flow Driven MHD Instabilities (dynamo, MRI, convection)
GARBET Xavier	X	X	X	xavier.garbet@cea.fr	
GHENDRIH Philippe	X	X	X	philippe.ghendrih@cea.fr	
GHIZZO Alain	X			alain.ghizzo@ijl.nancy-universite.fr	Gyrokinetic simulation
GRANDGIRARD Virginie	X	X	X	virginie.grandgirard@cea.fr	
GRAPPIN Roland	X			Roland.grappin@obspm.fr	Incompressible MHD turbulence + turbulent heating in solar coronal loops (by wave turbulence in stratified atmosphere)
GRIESSHAMMER Johannes	X	X		johannes.griesshammer@ipp.mpg.de	magnetic reconnection, the sawtooth instability in tokamak plasmas and NTMs (PhD student of S. Günter)
GUERVILLY Céline	X	X		cguervil@soe.ucsc.edu	MHD applied to rotating fluids (planetary kernels & stellar interiors)
GUIMARAES Zwinglio	X	X	X	Zwinglio_guimaraes@yahoo.com.br	
GURCAN Ozgur	X	X	X	ozgur.gurcan@lpp.polytechnique.fr	Entropy production; H-theorems for turbulence
HAHM Taik Soo	X	X		tshahm@snu.ac.kr	Recent advances in momentum transport and intrinsic rotation
HARIRI Farah	X	X		farah.hariri@cea.fr	
HENNEQUIN Pascale	X	X	X	pascale.hennequin@lpp.polytechnique.fr	
HOLID Ihor	X			iholod@uci.edu	Gyrokinetic Simulations of Momentum Transport in Tokamak
HORNUNG Grégoire	X	X		gregoire.hornung@cea.fr	
HSU Pei-Chun	X	X	X	peihsu@physics.ucsd.edu	
HUGHES David	X	X (14/07)		dwh@maths.leeds.ac.uk	
IDA Katsumi		X		ida.nifs@ac.jp	LH Transition
ISHIZAWA Akihiro		X	X	ishizawa@nifs.ac.jp	Interaction between turbulence and magnetic islands
JANVIER Miho	X	X (13/07)		janvier.miho@ay7.ecs.kyoto-u.ac.jp	Magnetic reconnection, (double) tearing modes, zonal field, secondary instability
JOUVE Laurene					
KANG Hyesung		X		kang@uju.es.pusan.ac.kr	Particle Acceleration at Astrophysical Shocks
KIM Eun Jin			X	e.kim@shef.ac.uk	Statistical theory of self organisation
KIM Sung Sik	X	X	X	sskim@nfri.re.kr	Formation and back transition of internal transport barrier
KOSUGA Yusuke	X	X	X	yukosuga@physics.ucsd.edu	
KOWSIK Bodi	X	X	X	bodi@l3m.univ-mrs.fr	
KWON Jae-Min	X	X	X	Jmkwon74@nfri.re.kr	Momentum transport in magnetically confined plasmas Non-locality of transport in magnetically confined plasmas

LATU Guillaume	X	X	X	guillaume.latu@cea.fr	
LECONTE Michael	X	X	X	Mica.leconte@gmail.com	Self organisation of turbulence and flows in the presence of resonant magnetic perturbations
LEONCINI Xavier			X	leoncini@cpt.univ-mrs.fr	Self organized regularity in systems with long range interactions
LEROY Matthieu	X	X		matthieuleroy1986@gmail.com	
LESUR Maxime	X	X	X	Maxime.lesur@gmail.com	Energetic particle driven modes, nonlinear physics
LIGHT Adam	X	X	X	adam.light@colorado.edu	Role of turbulence/fluctuations in self organization, stress balance (Reynolds/maxwell, etc), diagnostics for relaxation physics (flow, dissipation, etc)
LIMONE Angelo	X			angl@ipp.mpg.de	Dynamo theory - MHD Simulation in spherical geometry
MAHFOUF Aïi	X	X	X	mahoufphysique@gmail.com	
MAK Julian	X	X	(X)	Julian.c.i.mak@googlemail.com mmjm@maths.leeds.ac.uk	
MANZ Peter		X	X	pmanz@ucsd.edu	
MATT Sean	x			sean.matt@cea.fr	
McDEVITT Chris	X	X	X	cjmdevitt@gmail.com	Momentum transport, transport barrier formation, turbulence spreading, transport at finite beta
McKEE George		X			Turbulence and Shear Flow Dynamics approaching the Low to High-Confinement Mode Transition-Connecting theory and experiment, relating to and understanding the LH transition power threshold.
MENTRELLI Andrea	X	X	X	andrea@cmi.univ-mrs.fr	
MERLE Antoine	X	X	X	antoine.merle@cea.fr	Energetic particle physics. Alfvén eigenmodes, energetic particle modes. Mode induced particle transport
MIMA Kunioki				mima@ile.osaka-u.ac.jp	Weibel turbulence in laser plasmas
MONNIER Arnaud	X	X	X	arnaud.monnier@uni-provence.fr	Plasma relaxations controlled by resonant magnetic perturbations
MOREL Pierre				pmorel@ulb.ac.be	
MUELLER Wolf-Christian	X (07/07)			wolf.mueller@ipp.mpg.de	Magnetic structure formation; dynamo; inverse cascade of magnetic helicity
MUNSAT Tobin	X			tobin.munsat@Colorado.EDU	Experimental studies of L-H thresholds in tokamaks, relationship between Reynolds and Maxwell stress in various experiments, edge turbulence in tokamaks, analysis of velocity fields from imaging diagnostics
NGUYEN van YEN Romain	X	X (14/07)		rnguyen@zedat.fu-berlin.de	Turbulent dissipation in fluids and plasmas Tomographic technique for analysis of experimental fast camera movies of tokamak plasmas
NICOLAS Timothée	X	X	X	Timothee.nicolas@cea.fr	Sawteeth, reconnection in magnetized plasmas, MHD, turbulent fluxes
NISHIMURA Seiya	X	X (13/07)		Nishimura.seiya@lhd.nifs.ac.jp	Magnetic reconnection, Plasma turbulence, Wave-particle interaction, Nonlinear fluid dynamics
OTTAVIANI Maurizio	X	X		maurizio.ottaviani@cea.fr	
PALERMO Francesco	X			Francesco.Palermo@ijl.nancy-universite.fr	
PAREDES Alejandro	X			alejandro.paredes@l3m.univ-mrs.fr	Plasma edge physics, numerical modelling
PARK Jin-Woo	X	X	X	ashley03@snu.ac.kr	Simulation and tokamak SOL and divertor region including heat flux mitigation by gas puffing
PASSOT Thierry	X			Thierry.passot@oca.eu	Fluid closures, Landau fluids, turbulence, plasma heating, temperature anisotropy instabilities, "gyrofluids"
PETTINI Marco				marco.pettini@gmail.com	
PINTO Rui	X			rui.pinto@cea.fr	Solar dynamo, activity cycle, solar wind (coupling/connections between convective zone and heliosphere)
PLIHON Nicolas	X			nicolas.plihon@ens-lyon.fr	Dynamo, MHD induction effects, boundary conditions
POCHEAU Alain				alain.pocheau@irphe.univ-mrs.fr	
PRATT Jane	X			jane.pratt@ipp.mpg.de	Formation of magnetic structures in convecting plasmas
RYU Dongsu	X	X		ryu@canopus.cnu.ac.kr	Plasma Physics Issues in Intra-cluster and Inter-galactic Media
SARAZIN Yanick	X	X	X	yanick.sarazin@cea.fr	
SCHMITZ Lothar		X		lschmitz@ucla.edu	Shear Flow and Turbulence Suppression in Limit-Cycle Oscillations Preceding the L-H Transition
SCHNEIDER Kai	X	X (13/07)		kschneid@cmi.univ-mrs.fr	MHD turbulence and boundary conditions Self organization & symmetry breaking in confined MHD turbulence Intermittency in drift wave turbulence and MHD turbulence
SCHWANDER Frédéric	X	X	X	frederic.schwander@centrale-marseille.fr	Tokamak edge instabilities - core/edge coupling
SERRE Eric	X	X	X	eric.serre@l3m.univ-mrs.fr	Plasma edge physics, numerical modelling
SECHREST Yancey	X	X	X	yancey.sechrest@colorado.edu	LH transition physics, MFE, plasma turbulence
SHE Zhen-Su	X			she@pku.edu.cn	Similarity analysis of turbulence beyond Prandtl and Kolmogorov
SILVERS Lara	X			Lara.Silvers.1@city.ac.uk	Self organization & the solar dynamo problem
SMOLYAKOV Andrei	X	X	X	andrei.smolyakov@usask.ca	Neoclassical MHD, plasma rotation, magnetic islands
STRUGAREK Antoine	X	X	X	Antoine.strugarek@cea.fr	
TAMAIN Patrick	X	X	X	Patrick.tamain@cea.fr	
TASSI Emanuele		X	X	Tassi@cpt.univ-mrs.fr	Relaxation in dissipative magnetohydrodynamics, ideal magnetohydrodynamics
TAYLOR Zane	X	X		nztaylor@wisc.edu	Dynamics
THAKUR Saikat				saikatct@gmail.com	
TRONKO Natalia	X			nathalie.tronko@gmail.com	Gyrokinetic theory, Hamiltonian models, Weak turbulence
TOBIAS Steve		X		smt@amsta.leeds.ac.uk	(possible use of statistical methods (cumulants) to simulate the driving of zonal flows)
TOKUNAGA Shinsuke	X	X	X	toku@nfri.re.kr	Avalanching heat transport in steady state internal transport barriers with reversed magnetic shear
TYNAN George	X	X	X	gtynan@ucsd.edu	Drift turbulence, zonal flows, transport bifurcations, shear flow-turbulence interactions
XU Guosheng		16-18 / 07		gsxu@ipp.ac.cn	Recent progress in understanding the L-H transition in fusion plasmas
XU Min	X	X	X	minxu.min@gmail.com	Turbulent nonlinear energy transfer measurement in laboratory and fusion plasmas
XU Yuhong				y.xu@fz-juelich.de	
YI Sumin	X	X	X	yism@nfri.re.kr	Role of turbulence spreading in zonal flow and intrinsic rotation generation
WAELEBROECK François	X	X	X	flw@mail.utexas.edu	1) Hamiltonian formulations for fluid models of plasma. 2) Tearing modes and magnetic islands, in particular: (a) Role of the propagation velocity and polarization current in island evolution, (b) Transport induced by resonant magnetic perturbations
WANG Lu	X	X	X	Wanglu.phy@gmail.com	
WOOD Toby	X	X		tsw25@soe.ucsc.edu	MHD in rotating, stratified fluids; Transport of angular momentum and chemical species in stellar interiors
ZARZOSO David	X	X	X	david.zarzoso@cea.fr	Excitation of sheared flows by fast ions. Interaction between electrostatic turbulence and fast ions
ZHAO Lei	X	X	X	leizhao@physics.ucsd.edu	Inter-species energy transfer and turbulent heating in drift wave turbulence
ZHU Jian-Zhou	X	X	X	zhujz@ustc.edu.cn	Zonal Flow generation & potential vorticity mixing - MHD turbulence & dynamo, reconnection - Kinetic turbulence in magnetized plasmas - thermalization & intermittency in plasma fluctuations
ZOU Xiao-Lan	X			xiao-lan.zou@cea.fr	