

**ICTP-INFM SUMMER SCHOOL ON
“TRANSPORT, REACTION AND PROPAGATION IN FLUIDS”**

8 September - 12 September 2003

Poster Session - List of participants

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3	Felix Ilesanmi ALAO	Self-similar solutions of a generalised viscous reacting flow
4	Eduardo G. ALTMANN	Memory effects on the Poincaré Recurrence Time statistics
5	Venkataraman BALAKRISHNAN	Energy transport in an exactly solvable 1D non equilibrium system
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7	Teodor Iordan BURGHELEA	Mixing by polymers in microchannels
8	Ana Karina CHATTAH	Computing the quantum Boltzmann equation from a Kossakowski-Lindblad generator
9	Laurent Vincent CHEVILLARD	Dissipative effects in fully developed turbulence
10	Jahanshah DAVOUDI	Clustering in a Compressible flow
11	Rafael Ribeiro DIAS VILELA OLIVEIRA	Purely finite-size effects on chaotic advection
12	Angela Maria DOS SANTOS	Coupled oscillators
13	Simone FERRARI	A laboratory model of sea discharge of brine from desalination plant
14	Francesco Giulio GINELLI	T.B.A.

15	Michal HNATIC	Kraichnan model with synthetic helical velocity field
16	Marian JURCISIN	Influence of anisotropy on the scaling regimes in fully developed turbulence
17a & 17b	Istvan Zoltan KISS	- Combustion initiation and extinction in a 2D chaotic flow explained by a 1D Lagrangian filament model; - Synchronization and oscillator death in oscillatory media with stochastic forcing
18	Nicolas LEPROVOST	Turbulent model of torques in van Karman swirling flows
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20	Kostyantyn LUKIN	Dry turbulence in time delayed systems with incommensurable delays
21	Volodimir L. MAISTRENKO	Transition to chaos through cusp and loop tori in non-invertible maps
22	Oluwale Daniel MAKINDE	Fluid transport in a collapsible channel
23	Rosaria MANCINELLI	1-D reaction-diffusion models and asymptotic Lie symmetries
24	Arturo MARTÍ	Synchronization Phenomena in an Array of Logistic Maps with Global Time-Delayed Coupling
25	Luca Roberto A. MORICONI	Vorticity statistics at any Reynolds number
26	Luca MORTARINI	Two-particles statistics in homogeneous isotropic stationary turbulence
27	Stefano MUSACCHIO	Two-dimensional turbulence of dilute polymer solutions
28	Alejandro OMÓN ARANCIBIA	Vorticity, pressure and the loss of regularity in the Navier-Stokes equation
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30	Mauro SBRAGAGLIA	A Gibbs-like measure for single-time, multi-scale energy transfer in stochastic signals and Shell Model of turbulence

31	Luca SGUANC	A Lattice Botzmann two-phase model for the simulation of fluidize granular system
32	Yurii V. SLYUSARENKO / Alexander I. SOKOLOVSKY	Kinetics and hydrodynamcs of long-wave fluctuations under external random force
33	Stanislav SPRINC	Energy transfer in decaying developed turbulence - local vs. non-local interactions
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35	Claudio Juan TESSONE	Transition from synchronization to desynchronization for a populati globally coupled FitzHug-Nagumo systems
36	Vyacheslav G. TSYBULIN	Convective flows in porous medium: cosymmetry and bifurcations
37	Anwar UL-HAQUE	Large Eddy Simulations, a research tool for future aeronautical applications
38	Mahendra K. VERMA	Kolmogorov's spectrum and energy fluxes in magnetohydrodynamic turbulence
39	Simone PIGOLOTTI	Coarse-grained probabilistic automata mimicking chaotic systems
40	Toshiyuki GOTOH	Statistics of the velocity and scalar fields in turbulence by high resolution direct numerical simulation