

(Athens time /GMT+3h)	Friday 23/07 Chair: G.Tsironis – H. Skokos	Saturday 24/07 Chair : H. Skokos – G. Tsironis
09.45-10.00	Welcome to the Bountis Fest and can we understand Tassos Bountis through the use of nonlinear dynamics? (H. Skokos and G. Tsironis)	The Adventures of Philoctetes in Chaosland (T. Michailidis)
10.00-10.30	Logarithmic expansion of many-body wavepackets in random potentials (S. Flach)	New generalizations of the intermediate value theorem and their application in nonlinear dynamics (M. Vrahatis)
10.30-11.00	Quantum phase space localization in chaotic systems (M. Robnik)	Nondegenerate solitons in coupled nonlinear Schroedinger family of equations (M. Lakshmanan)
11.00-11.30	Psychophysics of Musical Rhythms and the Riddle of Swing (T. Geisel)	Bifurcations of some two-dimensional higher-order Henon-type maps (G. Chen)
11.30-12.00	Break	Break
12.00-12.30	Onsager relations, nonequilibrium phase transitions and absolute negative mobility (G. Casati)	Are there any trans Hilda asteroids between Jupiter and Saturn? (R. Dvorak)
12.30-13.00	What adaptive neuronal networks teach us about power grids (E. Schoell)	Flux over a saddle (R.S. MacKay)
13.00-13.30	Nonlinear Acoustic Non-reciprocity (A.F. Vakakis)	Neural Correlates of Human-Machine Interactions in Autonomous Vehicles Context A. Bezerianos

13.30-15.00	Break	Break
15.00-15.30	Central Limit Theorem and Large Deviation Theory for q-statistical mechanics (C. Tsallis)	A dynamical systems view of laminar hydraulic jumps (Ko van der Weele)
15.30-16.00	If intrinsic noise is inherent to natural or artificial systems, does then size/scale affect their evolution? Obvious or is it not? A case study. (M.G. Velarde)	From Random Walks to Levy walks (L. Vlahos)
16.00-16.30	PREDICTING AND CONTROLLING TIPPING POINTS IN NETWORKED SYSTEMS (C. Grebogi)	Binary black hole shadows: Chaos in general relativity (M. Sanjuan)
16.30-17.00	The Mean-Median map (F. Vivaldi)	Geometric algebras, spinors and all that: Preparing physics for the dawn of quantum computers (K. Hizanidis)
17.00-17.30	The Unified Transform: from linear PDEs to the solution of the periodic problem for nonlinear integrable PDEs (T. Fokas)	A brief account of a 40-year journey (T. Bountis)
17.30-18.00	Ελεύθερη συζήτηση για το έργο του Καθ. Τ. Μπούντη	Ελεύθερη συζήτηση για το έργο του Καθ. Τ. Μπούντη