Seminar Series 2010-2011

Date: Thursday, November 10, 2011
Title: Estimating Time and Length Scales in Pulse-like Earthquake Acceleration Records Using Wavelet Analysis
Speaker: Nicos Makris, Professor of Structures and Applied Mechanics, University of Patras

Date: Thursday, November 24, 2011
Title: Quasilinear Diffusion Theory Revisited: General Kinetic Formulation of Wave-Particle Interactions.**Speaker:** Y. Kominis, Post-Doctoral Reseracher, University of Patras and National Polytechnic School of Athens

Date: Thursday, December 10, 2011
Title: The study of catastrophic events in terms of non-extensive statistical physics
Speaker: Konstantinos Eftaxias. Assoc. Professor, Department of Physics, University of Athens

Date: Thursday, December 17, 2011
Title: The speed of Arnold diffusion
Speaker: Christos Efthymiopoulos, Research Center for Astronomy and Applied Mathematics, Academy of Athens

2/06/2011 George Stephanedes, Professor, Department of Civil Engineering, University of Patras

"Estimating Near Incidents and Incidents in Traffic Flow "

26/05/2011 Andronikos Paliathanassis, Ph.D. candidate, Department of Physics, University of Athens

" Lie point Symmetries of Ordinary Differential Equations and Geometry"

2/05/2011 Athanasios Manos, Ph.D., Universite de Aix - Marseille I, France

"Regular and chaotic orbits in barred galaxies: Dynamical vs. observational chaos"

7/04/2011 Anastasios Bezerianos, Professor, Department of Medicine

" Brain Signal Processing and Applications in Brain Machine Interface (BMI) "

31/3/ 2011 Kostas Siriopoulos, Professor, Department of Business Administration

" Nonlinearity of Financial Times Series"

17/3/2011 van der Weele Ko, Professor

"Particle Transport and Traffic Flow: From the Discrete to the Continuum"

24/2/2011 Haris Skokos, Dr

"Variational equations of Hamiltonian systems and algorithms for their

integration"

27/1/2011 George Kalosakas, Dr

"Stationary solutions of the Discrete Nonlinear Schrodinger Equation, Part II"

20/1/2011 George Kalosakas, Dr

"Stationary solutions of the Discrete Nonlinear Schrodinger Equation, Part I"

2/12/2010 Christos Antonopoulos, Dr

"Quasi-stationary chaotic states in multidimensional Hamiltonian systems"

25/11/2010 Tassos Bountis, Professor

"Statistical Mechanics at the edge of chaos, Part II"

18/11/2010 Tassos Bountis, Professor

"Statistical Mechanics at the edge of chaos, Part I"

19/10/2010 Theodoros Kouloukas, Ph.D.

"Yang-Baxter matrices and integrability"12/10/2010 Stavros Anastassiou, Ph.D. student

"Geometrical model of the Lorenz attractor"