



INCT DE SISTEMAS COMPLEXOS

6ª Reunião de Trabalho

06 a 10 de março de 2017

CBPF - RJ - Auditório Min. João Alberto

SEGUNDA-FEIRA - 06/03/2017	INÍCIO	TÉRMINO
Abertura - D.A. Stariolo, C. Tsallis, E.M.F. Curado	09:00h	09:30h
C. Tsallis - <i>Evidências analíticas, experimentais e computacionais recentes sobre a q-estatística</i>	09:30h	10:15h
INTERVALO	10:15h	10:45h
A.M.C. Souza - <i>Thermodynamic framework for the ground state of a simple quantum system</i>	10:45h	11:30h
E. Curado - <i>A Lorentz invariant velocity distribution of a relativistic gas</i>	11:30h	12:15h
ALMOÇO	12:15h	14:30h
J.J. Arenzon - <i>Intransitivity, coexistence and synchronization in four species cyclic games</i>	14:30h	15:15h
J.R. Iglesias - <i>Influence of opinions on vaccines on the evolution of a disease</i>	15:15h	16:00h
INTERVALO	16:00h	16:30h
U. Tirnakli - <i>From Boltzmann-Gibbs statistics to Tsallis statistics: case study for dynamical systems</i>	16:30h	17:05h
G. Ruiz - <i>From Boltzmann-Gibbs statistics to Tsallis statistics: q-triplet structure in symplectic maps</i>	17:05h	17:40h
E.P. Borges - <i>Stationary probabilistic distributions of the Hénon-Heiles Hamiltonian system</i>	17:40h	18:15h

TERÇA-FEIRA - 07/03/2017	INÍCIO	TÉRMINO
R.F.S. Andrade - <i>Optimizing diffusion in Multiplexes by Maximizing Layer Dissimilarity</i>	09:00h	09:45h
W.A.M. Morgado - <i>Macroscopic violation of the law of heat conduction</i>	09:45h	10:30h
INTERVALO	10:30h	11:00h
C. Moukarzel - <i>Multiplicative Exchange-Investment Models: Properties and Applications</i>	11:00h	12:00h
ALMOÇO	12:00h	14:30h
P.M.C. de Oliveira - <i>Pobres × Ricos: quem deve pagar mais impostos?</i>	14:30h	15:15h
A. P. F. Atman - <i>Quantifying stock market complexity via visibility graph</i>	15:15h	16:00h
INTERVALO	16:00h	16:30h
R.M.C. Almeida - <i>Modified Fürth equation describes cell crawling experiments and simulations</i>	16:30h	17:15h
M.L. Martins - <i>Anomalous diffusion and q-Weibull velocity distributions in epithelial cell migration</i>	17:15h	18:00h



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QUARTA-FEIRA - 08/03/2017	INÍCIO	TÉRMINO
J.F. Stilk - <i>Collapse transition of polymers modeled as trails on a lattice</i>	09:00h	09:45h
D. A. Stariolo - <i>Landscape and dynamical complexity in two simple statistical physics models</i>	09:45h	10:30h
INTERVALO	10:30h	11:00h
G. Combe - <i>Granular material - a not so simple matter</i>	11:00h	12:00h
ALMOÇO	12:00h	14:30h
H. Herrmann - <i>Bursts in the permeability of particle-laden flows through porous media</i>	14:30h	15:15h
J. Soares Andrade Jr - <i>Singular diffusion in a confined sandpile</i>	15:15h	16:00h
INTERVALO	16:00h	16:30h
S.G.A. Brito - <i>Role of dimensionality in preferential attachment growth model with random fitness</i>	16:30h	17:15h
L.R. da Silva - <i>Scaling Properties of d-dimensional Complex Networks</i>	17:15h	18:00h

QUINTA-FEIRA - 09/03/2017	INÍCIO	TÉRMINO
F. D. Nobre - <i>Nonlinear Fokker-Planck Equation and Associated Entropic Form for Charged Particles by Neglecting Thermal Noise</i>	09:00h	09:45h
L.J.L. Cirto - <i>Classical Spin Systems with Long-Range Interactions: The Role of the Lattice Dimension in the Nonextensive Behavior</i>	09:45h	10:30h
INTERVALO	10:30h	11:00h
M. Argollo - <i>Reações químicas, metabolismo celular e modelagem computacional: abordagem e perspectivas</i>	11:00h	12:00h
ALMOÇO	12:00h	14:30h
C.B. Anteneodo - <i>Nonlinear population dynamics in heterogeneous habitats</i>	14:30h	15:15h
S. Gonçalves - <i>Efficiency and Performance of Fragmentation of Networks</i>	15:15h	16:00h
INTERVALO	16:00h	16:30h
R.S. Wedemann - <i>Power-law Nonlinear Fokker-Planck Equations with Forces not Arising from a Potential</i>	16:30h	17:15h
A.R. Plastino - <i>A Vlasov Equation Associated with the Nonlinear Fokker-Planck Equation: Time Dependent q-Gaussian Solutions</i>	17:15h	18:00h

SEXTA-FEIRA - 10/03/2017	INÍCIO	TÉRMINO
Reuniões de Grupos	LIVRE	