

MONDAY

Plenary

Welcome Addresses & Opening Ceremony (Room KERKIRA)

Monday 10

11.30 - 11.40	Kaniadakis G.	Conference Chairman	Chair
11.40 - 11.45	Major of Corfu	Corfu Municipality	Argyarakis P.
11.45 - 11.50	President of the Region	Region of Ionian Islands	
11.50 - 12.00	Beck C.	European Physical Society - Nonlinear and Statistical Physics Division Chair	
12.00 - 12.15	Sourlas N.	Sigmaphi Prize Ceremony	
12.30 - 12.45	Group Photo		
13.00 - 15.00	Break		

Area A

MAIN CONFERENCE (Room KERKIRA)

Monday 10

15.00 - 15.30	Nowak M.	<i>Burgulence in random matrix theories</i>	Chair
15.30 - 16.00	Kastner M.	<i>Measuring 2-time correlation functions in many-body quantum systems</i>	Corberi F.
16.00 - 16.20	Wlodarczyk Z.	<i>Oscillation phenomena in multiparticle production processes</i>	
16.20 - 16.40	Kosztolowicz T.	<i>Subdiffusion-reaction process in a composite system with a thin membrane</i>	
16.40 - 17.00	Tatsuta M.	<i>Thermal equilibrium states into superpositions of macroscopically distinct states</i>	
17.00 - 17.30	Coffee break		
17.30 - 17.50	Corberi F.	<i>Coarsening and percolation in a disordered ferromagnet</i>	Chair
17.50 - 18.10	Corominas-Murtra B.	<i>Sample space reducing process and the emergence of arbitrary scaling exponents</i>	Nowak M.
18.10 - 18.30	Dantchev D.	<i>Manipulation and amplification of the Casimir force in systems with continuous...</i>	

Area A

MAIN CONFERENCE (Room NAUSICA)

Monday 10

15.00 - 15.30	Spagnolo B.	<i>Driven quantum metastable states: stabilization by dissipation and resonant</i>	Chair
15.30 - 16.00	Ganapol B.	<i>A mathematical realization of entropy through neutron slowing down</i>	Delfino G.
16.00 - 16.20	Hakoshima H.	<i>Quasi volume law of entanglement entropy in nonequilibrium steady states</i>	
16.20 - 16.40	Hanel R.	<i>History dependence and entropy How one can use entropy to solve Polya</i>	
16.40 - 17.00	Khveshchenko D.V.	<i>Geometric aspects of thermodynamics and transport in strongly correlated matter</i>	
17.00 - 17.30	Coffee break		
17.30 - 17.50	Guevara E.	<i>Finite-time and -size scalings in the evaluation of large deviation functions....</i>	Chair
17.50 - 18.10	Delfino G.	<i>Exact results for quenched disorder at criticality</i>	Spagnolo B.
18.10 - 18.30	Hamazaki R.	<i>Generalized Gibbs ensemble in nonintegrable systems with an extensive....</i>	
18.30 - 18.50	Schertzer D.	<i>Cascades, Lévy-Clifford algebra of generators of vector multifractals to</i>	

Area B

MAIN CONFERENCE (Room ITHACA)

Monday 10

15.00 - 15.30	Hansen A.	<i>Statistical mechanics of porous media flow</i>	Chair
15.30 - 16.00	Leuzzi L.	<i>Statistical physics insight into photonics: light amplification and propagation...</i>	Tuckerman L.
16.00 - 16.20	Lowen H.	<i>Statistical physics of active matter: microswimmers in complex environments</i>	
16.20 - 16.40	Caravelli F.	<i>Non-equilibrium properties of memristive circuits</i>	
16.40 - 17.00	Bernaschi M.	<i>Efficient detection of plastic events in emulsions simulations</i>	
17.00 - 17.30	Coffee break		
17.30 - 18.00	Tuckerman L.	<i>Can frequencies be predicted from mean flows?</i>	Chair
18.00 - 18.20	Krcelic H.	<i>Modelling nanostructure growth on a one-dimensional substrate: islands,....</i>	Hansen A.
18.20 - 18.40	Bohinc K.	<i>The interaction between like-charged colloids mediated by multivalent, stiff...</i>	

Area C

MAIN CONFERENCE (Room LEUCAS)

Monday 10

15.00 - 15.30	Di Matteo T.	<i>Predictive modeling for a complex world: a data-driven perspective</i>	Chair
15.30 - 16.00	Aste T.	<i>Forecasting financial markets by means of information filtered graphs</i>	Neda Z.
16.00 - 16.20	Burridge J.	<i>Spatial evolution of human dialects</i>	
16.20 - 16.40	Chu D.	<i>Microscopic computation by biochemical systems</i>	
16.40 - 17.00	Cimini G.	<i>Entangling credit and funding shocks in interbank markets</i>	
17.00 - 17.30	Coffee break		
17.30 - 17.50	Zaccaria A.	<i>Liquidity crises in the limit order book: a tale of two time scales</i>	Chair
17.50 - 18.10	Tacchella A.	<i>The language of innovation</i>	Aste T.
18.10 - 18.30	Roman S.	<i>Dynamical system modelling of human-environment interactions: the case</i>	
18.30 - 18.50	Neda Z.	<i>Ruin game on random graphs</i>	

14.50 - 15.00	Livadiotis G.	<i>Session presentation</i>	Chair
15.00 - 15.30	Moussas X.	<i>Determining the q-index of heliospheric particle populations during three ...</i>	Summer D.
15.30 - 16.00	Martinović M.	<i>Kappa parameter estimations using quasi-thermal noise spectroscopy</i>	
16.00 - 16.30	Nicolaou G.	<i>Determining the kappa index of space plasma distributions from observations...</i>	
16.30 - 17.00	Sarlis N.	<i>Statistical physics of earthquakes: Natural time analysis and Tsallis non-...</i>	
17.00 - 17.30	Coffee break		
17.30 - 18.00	Dzifcakova E.	<i>Theory and diagnostics of the kappa-distribution in the solar atmosphere</i>	Chair
18.00 - 18.30	Vocks C.	<i>Suprathermal electrons in the solar corona and transition region</i>	Mace R.
18.30 - 19.00	Kuznetsov A.	<i>Diagnosing kappa distribution in the solar corona with the polarized microwave...</i>	
19.00 - 19.30	Gontikakis G.	<i>Influence of particle acceleration on the heating of the solar coronal plasma ...</i>	