Sunday, July 5, 2026

AVRA IMPERIAL HOTEL

16.00 - 19.00	Registration desk	Sunday 5

Monday, July 6, 2026

AVRA IMPERIAL HOTEL

08.00 - 11.00	Registration desk	Monday 6

MAIN HALL MAISTRO

		MAIN CONFERENCE	Monday 6
11.00 - 11.10	Kaniadakis G.	*Welcome Addresses & Opening Ceremony*	Chair
11.10 - 11.20	Burioni R.	*European Physical Society*	Carbone A.
11.20 - 11.30			
11.30 - 12.00	Kaniadakis G.	*Sigmaphi Prizes Cerimony*	
12.00 - 12.30		Group Photo	
12.30 - 14.00		Welcome Reception	

MAIN HALL MAISTRO

	Keynote	MAIN CONFERENCE	Monday 6
14.00 - 14.30	Fleishman G.	*Solar flare science with microwave imaging spectroscopy beyond the standard ...*	Chair
14.30 - 15.00	Hatzikirou H.	*On a theory of cell decision-making in multicellular systems*	Consolini G.
15.00 - 15.30	Saad D.	*Inferring messages in non-linear optical fibres with memory*	
15.30 - 16.00	di Matteo T.	*Two different flavours of complexity in economic and financial data: An....*	
16.00 - 16.30	Cuerno R.	*Critical dynamics far from equilibrium: upturns from surface kinetic roughening*	
16.30 - 17.00	Geisel T.	*Stochastic properties of musical time series*	
17.00 - 17.30		Coffee break	
17.30 - 18.00	Boccaletti S.	*Why are there six degrees of separation in a social network?*	
	Area C	**MAIN CONFERENCE**	**Monday 6**
18.00 - 18.20	Alberti T.	*Event-based attribution of Mediterranean extreme cyclones in a changing ....*	Chair
18.20 - 18.40	Bae Y.	*A stochastic dynamics framework for social evolution from observed data*	Constantoudis V.
18.40 - 19.00	Colombini G.	*Firing rate estimates for a noisy FitzHugh-Nagumo neuron*	
19.00 - 19.20	Czechowski Z.	*From data to stochastic dynamics: nonlinear Langevin modeling of asymmetric...*	
19.20 - 19.40	Baybusinov I.	*A grand-canonical solution to a class of random optimization problems*	
19.40 - 20.00	Fronczak P.	*Fractal complex networks: From local to global scaling relations*	
20.00 - 20.20	Katayama K.	*Diagrammatic representation of steady-state distributions and static .....*	

HALL CRECO

	Area A	MAIN CONFERENCE	Monday 6
14.00 - 14.20	Auconi A.	*Bayesian field theory of the rate estimation*	Chair
14.20 - 14.40	Aydin A.	*Measure-invariant parameter paths for ergotropic advantage in many-body...*	Ilić V.
14.40 - 15.00	Baggioli M.	*Topological and geometrical defects in amorphous solids*	
15.00 - 15.20	Bradley A.	*Nonequilibrium field theory of open quantum fluids*	
15.20 - 15.40	Brattan D.K	*The Hamiltonian mechanics of exotic particles*	
15.40 - 16.00	Chor O.	*Statistical mechanics of Hamiltonian curl-force systems*	
16.00 - 16.20	Cui B.	*From quantum to classical mechanics*	
16.20 - 16.40	Deroulers C.	How does a cloud of random walkers with exclusion relax to equilibrium?	
16.40 - 17.00	Di Bello C.	Exactly solvable diffusions from space-time transformations	
17.00 - 17.30		Coffee break	
17.30 - 17.50	Farago O.	Entropy production in run-and-tumble particles mapped to Brownian motion	Chair
17.50 - 18.10	Ghosh A.	Determining the net direction of information flow in mutually coupled	Baggioli M.
18.10 - 18.30	Gligoric G.	Nonlinear floquet edge states in an asymmetric driven SSH lattice	
18.30 - 18.50	Matsuzoe H.	*Information-geometric structuresiInduced by generalized relative entropies*	
18.50 - 19.10	Wada T.	*Symmetric teleparallel gravity and information geometry*	
19.10 - 19.30	Ilić V.	*Generalized Euler and Gibbs-Duhem relationship for generalized homogenous ...*	
19.30 - 19.50	Codello A.	*Rethinking dimensional regularization in critical phenomena*	

HALL GRABIS

	Workshop 13	Power-grid synchronization modelling	Monday 6
14.00 - 14.25	Colet P.	*Transmission grid stability with large interregional power flows*	Chair
14.25 - 14.50	Kim H.	*Stability of modular power grids under minimal structural interventions*	Odor G.
14.50 - 15.15	Beck C.	*Understanding the complexity of frequency and phase angle fluctuations in power...*	
15.15 - 15.40	Moreno D.C.	*The effects on power grid synchronization of increasing the level of refinement....*	
15.40 - 16.05	Wen X.	*PowerSINDy: Identifying nonlinear time-dependent dynamics in power grid ...*	
16.05 - 16.30	Cirunay M.T.	*Topological insights into the resilience of european high-voltage grids: A cross-...*	
16.30 - 16.45	Benedek K.	*A system divided: Stability and size dependence of segmented power grids*	
16.45 - 17.00	Odor G.	*The effect of HVDC lines in power-grids via Kuramoto modeling*	
17.00 - 17.30	Coffee break		
	Special Session 2	**Optical Thermodynamics of Multimode Nonlinear Systems**	**Monday 6**
17.30 - 17.45	Flach S.	*Lyapunov spectrum scaling near integrability*	Chair
17.45 - 18.00	Efremidis N.	*Optical thermodynamics: From basic principles to optical pressure and thermalization*	Makris K.
18.00 - 18.15	Moustakas A.	*Spectral efficiency for the non-linear schroedinger channel in the low noise limit..*	
18.15 - 18.30	Christodoulides D.	*Optical thermodynamics of nonlinear highly multimoded systems*	
18.30 - 18.45	Jeon D.H.	*Microcanonical thermodynamics of weakly perturbed optical solitons*	
18.45 - 19.00	Khajavikhan M.	*Entropy-driven processes in optics and photonics*	
19.00 - 19.15	Kokkinakis E.T.	*Thermalization speed of multimode nonlinear lattices*	
19.15 - 19.30	Mangini F.	*Statistical mechanics of spatial beam cleaning in nonlinear multimode optical fibers*	
19.30 - 19.45	Danieli C.	*Thermodynamics of nonlinear Aharonov-Bohm cages*	
19.45 - 20.00	Tsironis G.	*Glassy and condensed phases in disordered multimode nonlinear optical fibers*	

HALL TRAMONTANA

	Workshop 1	Stochastic Dynamics Beyond Gaussianity	Monday 6
14.15 - 14.35	Vezzani A.	*Rare events, big jumps, and redundancy in random walkers target reaching*	Chair
14.35 - 14.55	Reuveni S.	*Doubly stochastic continuous time random walk*	Burioni R.
14.55 - 15.15	Oliveira F.	*Scaling, fractal dynamics, and critical exponents: A geometrical view of phase ...*	
15.15 - 15.35	Franosch T.	*Chiral active motion across scales: from exact ISF theory to macroscopic robot...*	
15.35 - 15.50	Dolgushev M.	*Number of local minima in discretetime fractional Brownian motion: non-Gaussian ....*	Chair
15.50 - 16.05	García-Valladares G.	*Shaping optimal stochastic resetting via target distributions*	Metzler R.
16.05 - 16.20	Huang B.	*Properties of superdiffusive processes arising from compounded random walks*	
16.20 - 16.35	Zhou X.	*Entropy production in non-Gaussian active matter: fluctuation theorem for Levy-Ito...*	
16.35 - 16.50	Bassanoni A.	*Rare events and single big jump effects in Ornstein-Uhlenbeck processes...*	
17.00 - 17.30	Coffee break		
17.30 - 17.50	Akimoto T.	*Observation-time-induced crossover in diffusion with fluctuating diffusivity*	Chair
17.50 - 18.10	Pastore R.	*Fickian non-Gaussian diffusion across thermal and non-thermal systems*	Sposini V.
18.10 - 18.30	Lanoiselee Y.	*Unifying heterogeneous diffusion in living cells*	
18.30 - 18.45	Obliger A.	*The simple biexponential relaxation to Fickian yet non-Gaussian diffusion in .....*	

HALL OSTRIA

	Workshop 8	Statistical Physics of Complex Systems: Recent Advances and Open Challenges	Monday 6
14.00 - 14.30	Kaneko K.	*Dimensional reduction, fluctuation-response relationship, and multi-timescale...*	Chair
14.30 - 15.00	Toyabe S.	*Information-thermodynamics analysis of a biological molecular machine in ...*	Jin J.
15.00 - 15.20	te Vrugt M.	*Collective dynamics of inertial active matter*	
15.20 - 15.40	Eichhorn R.	*An artificial motor protein that walks along a DNA track*	
15.40 - 16.00	Olmeda F.	*Self-similarity in the formation of the embryonic epigenome*	
16.00 - 16.30	Evans M.	*Cost of stochastic resetting*	
16.30 - 17.00	Majumdar S.	*Large deviations in resetting Brownian motions*	
17.00 - 17.30	Coffee break		
17.30 - 18.00	Altieri A.	*Decoding emergent patterns in large microbial communities through the prism...*	Chair
18.00 - 18.30	Busiello D.M.	*Functional couplings for information propagation in multiscale interacting systems*	Sabhapandit S.
18.30 - 19.00	Plata C.A.	*Optimal harmonic confinement of a Brownian particle*	
19.00 - 19.20	Pal S.	*Tuning competitive first-passage outcomes in anomalous diffusion via ...*	
19.20 - 19.35	Sanz-Arque V.	*Stochastic resetting with limited information*	
19.35 - 1950	Cao-Garcìa F.J.	*Ligand binding in crowded polymers*	

HALL LIVA

	Workshop 4	Space and Astrophysical Plasmas: Complexity and Emergence	Monday 6
14.00 - 14.10	Summers D.	*Welcome and Introduction*	Chair
14.10 - 14.50	Tsallis C.	*Nonadditive entropies in space science and turbulence*	Danny S.
14.50 - 15.20	Manousakis E.	*Emerging quantum many-body macroscopic coherence with non-trivial topology*	
15.20 - 15.45	Beck C.	*Heavy tails in astrophysics*	
15.45 - 16.10	Tirnakli U.	*Appearance of q-Gaussians in dynamical systems*	
16.10 - 16.35	Zhdankin V.	*Non-equilibrium statistical mechanics in relativistic plasma turbulence*	
16.35 - 17.00	Livadiotis G.	*The theory of thermodynamic relativity*	
17.00 - 17.30	Coffee break		
17.30 - 17.50	Davis S.	*Fundamental temperature in the superstatistical description of multiparticle ....*	Chair
17.50 - 18.15	Tamburrini A.	*Unifying kappa distribution models for nonequilibrium space plasmas: A superstatistical...*	Stucchi R.
18.15 - 18.35	Balasis G.	*Dynamical complexity and information transfer in geospace*	
18.35 - 18.55	Zenitani S.	*Monte carlo generation of kappa distributions in kinetic plasma simulations*	
18.55 - 19.15	Dialynas K.	*Properties of energetic ions at Saturnian magnetosphere with Cassini measurements*	
19.15 - 19.35	Ellinas D.	*Kappa-entropy: A quantum computation and simulation approach*	
19.35 - 20.00	Summers D.	*The subtracted-Kappa distribution and its properties*	

Tuesday, July 7, 2026

MAIN HALL MAISTRO

	Plenary	MAIN CONFERENCE	Tuesday 7
09.00 - 09.40	Evans M.	*Optimal stochastic resetting strategies*	Chair
09.40 - 10.20	Parisi G.	*Spin glasses, complexity, and all that. A tale of serendipity*	Marinari E.
10.20 - 11.00	McComas D.J.	*The Outer Heliosphere: Revolutionary Observations and Non-Maxwellian Plasmas*	
11.00 - 11.30	Coffee break		

MAIN HALL MAISTRO

	Keynote	MAIN CONFERENCE	Tuesday 7
11.30 - 12.00	Burioni R.	Multiple dimensions in heterogeneous structures: From spectral properties...	Chair
12.00 - 12.30	Metzler R.	*Anomalous diffusion, non-Gaussianity and long-range dependent motion*	Cuerno R.
12.30 - 13.00	Pietronero L.	*30 Years of fractal universe debate: Status and perspectives*	
13.00 - 13.30	Vàn P.	*About the dissipative Newton equation*	
13:30 - 14.00	Break		
	Area A	MAIN CONFERENCE	Tuesday 7
14.00 - 14.20	Łepek M.	*A solvable model for a generic aggregation process: Theoretical utopia or ....*	Chair
14.20 - 14.40	Nagayama R.	*Dual thermodynamic uncertainty relations: dissipation-coherence trade-off ....*	Quevedo H.
14.40 - 15.00	Niemi A.	*Local topology and perestroikas in protein folding dynamics*	
15.20 - 15.40	Pszota M.	*Higher-order nonlocal thermodynamic theories of gravity*	
15.40 - 16.00	Ramgoolam S.	*Exact finite-N partition functions in matrix and tensor quantum mechanics ....*	
16.00 - 16.20	Ríos-Monje C.	*Power maximization in an Otto engine for a harmonically confined colloidal ....*	
16.20 - 16.40	Rodríguez-Laguna J.	*Following the yellow brick road: hidden correlations along random geodesics*	
16.60 - 17.00	Romano S.	*From thermodynamic ensembles to conditioned dynamics via reweighting principle*	
17.00 - 17.30	Coffee break		
	Area B	MAIN CONFERENCE	Tuesday 7
17.30 - 17.50	Taitelbaum H.	*Statistical physics perspective on mercury droplet spreading on thin metal ....*	Chair
17.50 - 18.10	Constantoudis V.	Surfaces versus networks: bridging their gap with applications in nanotechnology	Łepek M.
18.10 - 18.30	Aarão Reis F.	*Kinetic models of thin film growth with nonmonotonic roughness evolution*	
18.30 - 18.50	Waitukaitis S.	*History-dependent fluctuations control static electricity*	
18.50 - 19.10	Benetatos P.	*Elasticity of bistable flexible and semiflexible polymers*	
19.10 - 19.30	Moustakas A.	*Mitigation of epidemic spreading in random environments: The impact of ....*	

HALL GRECO

	Workshop 10	Validating forecasts of dynamical systems	Tuesday 7
11.30 - 11.50	Livina V.	*Validation and ground truth in stochastic forecasts of dynamical systems*	Chair
11.50 - 12.10	Ludescher J.	*Predicting ENSO dynamics with climate network and complexity analyses*	Livina V.
12.10 - 12.30	Marzi M.	*Inferring weighted networks across scales from coarse-grained data*	
12.30 - 12.50	Blesic S.	*Handling missing data and validating models under high data scarcity for ...*	
13:00 - 14.00	Break		
	Special Session 3	Flat Band Physics	Tuesday 7
14.00 - 14.20	Danieli C.	*Fine-tuning localization in interacting flat band lattices*	Chair
14.20 - 14.40	Rhim J.	*Topological states protected by local support symmetry and destructive....*	Flach S.
14.40 - 15.00	Chirolli L.	*Interaction-driven Thouless pumping in all-flat-band lattices*	
15.00 - 15.20	Archilla J.	*Breathers in an all flatband lattice with hard on-site potential*	
15.20 - 15.40	Law K.T.	*Quantum metric lengths and quantum metric localization*	
15.40 - 16.00	Schmelcher P.	*Local and latent symmetries and their generalization to control localization*	
16.00 - 16.20	Flach S.	*Real space decay of flat band projectors from compact localized states*	
17.00 - 17.30	Coffee break		
	Special Session 4	Thermalization Universality Class of Nonintegrable Classical and Quantum Many-Body Systems	Tuesday 7
17.30 - 17.50	Campbell D.	*Diffusion as a signature of chaos in classical and quantum systems*	Chair
17.50 - 18.10	Bracci-Testasecca G.	*Semiclassical picture of the Heisenberg spin glass in two dimensions: from...*	Danieli C.
18.10 - 18.30	Christodoulidi H.	*Toda integrals as tools for measuring thermalisation in the Fermi-Pasta-...*	
18.30 - 18.50	Swietek R.	*Graph theory measures capture weak ergodicity breaking on large quantum...*	
18.50 - 19.10	Wang Y.	*Thermalization frustration and control of intermodal energy flow in ....*	
19.10 - 19.30	Rumpf B.	*Cold discrete breathers: statistical persistence of localized structures in....*	
19.30 - 19.50	Makris C.	*Fluctuations in nonlinear optical thermodynamics*	

HALL GRABIS

	Workshop 7	Statistical Mechanics of Complex Systems	Tuesday 7
11.30 - 12.00	Tsallis C.	*Conservative and dissipative nonlinear dynamical systems living in the world....*	Chair
12.00 - 12.15	Dabrowski N.	*Nonextensive entropies for black hole and cosmological horizons*	Tirnakli
12.15 - 12.30	Hansen A.	*A statistical mechanics approach to immiscible two-phase flow in porous....*	
12.30 - 12.45	Rapisarda A.	*Statistical analysis of precipitation data in Sicily*	
13:00 - 14.00	Break		
14.00 - 14.30	Beck C.	*Superstatistical methods for complex systems*	Chair
14.30 - 14.45	Ilić V.	*Nonlinear Fokker-Planck equation for strongly pseudo-additive entropies*	Antonopoulos C.
14.45 - 15.00	Debnath M.K.	*Biaxial phase transition in nematic liquid crystals: A Monte Carlo simulation....*	
15.00 - 15.15	Abdoli I.	*Brownian gyrators: from mono- to quadrupolar gyration*	
15.15 - 15.30	Biham O.	First return processes on random networks	
15:30 - 16.00	Workshop Break		
16.00 - 16.30	Jensen H.J.	*Group entropies and statistical physics: Equilibrium condition, first.....*	Chair
16.30 - 17.00	Jizba P.	*From group entropies to black hole radiation: A thermodynamic perspective*	Eroglu D.
17.00 - 17.30	Coffee break		
17.30 - 17.45	Lamb J.	*Mean-field and fluctuations for hub dynamics in heterogeneous random ....*	Chair
17.45 - 18.00	Pagni V.	*Universality in power-of-two graphs*	Eroglu D.
18.00 - 18.15	Lopez J.	*Information theory approach to measure long-memory in experimental....*	
18.15 - 18.30	Bazzani A.	*Data driven Markov models to study congestion formation in transport .....*	
18.30 - 18.45	Workshop Break		
18.45 - 19.00	Ghosh S.	*Pulses that organize: Collective pattern formation in swarmalators*	Chair
19.00 - 19.15	Antonopoulos C.	*From local instability to global chaos: How Hamiltonian dynamics builds ....*	Beck C.
19.15 - 19.30	Tirnakli U.	*Central limit behavior in low-dimensional dynamical systems*	
19.30 - 19.45	Eroglu D.	*Data-driven reconstruction of brain network dynamics from short and ....*	

HALL TRAMONTANA

	Workshop 6	Data Driven Approaches in Natural Systems: Statistical Physics, Machine Learning, and Spatiotemporal Methods	Tuesday 7
11.30 - 11.50	Deo N.	*Exploring the El Nino climate phenomena using data-driven methods of ….*	Chair
11.50 - 12.10	Žukovič M.	*Data-driven Ginzburg--Landau dynamics for non-Gaussian spatial fields*	Hristopulos D.
12.10 - 12.30	Nerantzaki S.	*Natural time analysis of rainfall event series across various hydroclimatic regimes*	
12.30 - 12.50	Koltsidopoulou M.	*Geostatistical modeling of nanoscale dissolution dynamics at mineral–….*	
12.50 - 13.10	Paraskakis N.	*Karhunen-loeve expansion of the Brownian oscillator kernel*	
13.10 - 13.30	Hristopulos D.	*Sparse precision (interaction) kernels for machine learning*	
13:30 - 14.00	Break		
	Workshop 11	Higher-order structures, synchronization, and emergent behavior in physical, biological, and social networks	Tuesday 7
14.00 - 14.05		*Opening*	Chair
14.05 - 14.30	Serrano M.A.	*Multiscale self-similarity in the structure and evolution of complex networks*	Malarz K.
14.30 - 14.55	Shapoval A.	*A Benchmark for self-oranized criticality*	
14.55 - 15.20	Andjelkovic M.	*Q-analysis of brain network architectures across multiple scales*	
15.20 - 15.45	Egas Santander D.	*From neuron morphology to connectivity motifs through a topological view …*	
15.45 - 16.10	Odor G.	*Scale-free behavior of weight distributions of connectomes*	
16.10 - 16.35	Morozov A.V.	*Neural network optimization strategies and the topography of the loss ….*	
16.35 - 17.00	Bertotti M.L.	*How trust and higher-order interactions shape the timing of idea adoption*	
17.00 - 17.30	Coffee break		
17.30 - 17.55	Drożdż S.	*Natural language as a complex system: Long-range correlations, punctuation…*	Chair
17.55 - 18.20	Malarz K.	*Bak--Tang--Wiesenfeld model for various topologies and ranges of interaction*	Shapoval A.
18.20 - 18.45	Wang W.	*Synchronization in the complexified Kuramoto model*	
18.45 - 19.10	Kusmartsev F.	*Frustration-induced criticality and polarised consensus in antagonistic …*	
19.10 - 19.35	Andjelkovic M.	*The role of geometric higher-order interactions in hysteresis behaviour ….*	

HALL OSTRIA

	Workshop 8	Statistical Physics of Complex Systems: Recent Advances and Open Challenges	Tuesday 7
11.30 - 12.00	Sabhapandit S.	*Proxitaxis: An adaptive search strategy based on proximity and stochastic resetting*	Chair
12.00 - 12.30	Takeuchi K.A.	*Various phases of active matter emerging from bacteria and some future perspectives*	Fodor E.
12.30 - 12.50	Harunari P.	*Stochastic excursions: Counting observables and noise*	
13:00 - 14.00	Break		
14.00 - 14.30	Krishnamurthy S.	*Thermodynamic cost of finite-time (recurrent) erasure*	Chair
14.30 - 15.00	Ito S.	*Thermodynamic driving forces, and dissipation*	Sivak D.A.
15.00 - 15.30	Baek Y.	*Inferring trajectory-level information flow from timeseries data*	
15.30 - 16.00	Lee J.S.	*Unified hierarchy of fluctuation-response identities and inequalities in ….*	
16.00 - 16.20	Lucente D.	*Thermal equilibrium with generalized time-reversal symmetry*	
16.20 - 16.40	Santra I.	*Still surprises of heat transport in harmonic crystals*	
16.40 - 17.00	Van Vu T.	*Geometric complexity in thermodynamics: A complexity unattainability….*	
17.00 - 17.30	Coffee break		
17.30 - 17.50	Manikandan S.	*Localizing energy dissipation in cellular processes*	Chair
17.50 - 18.10	Cocconi L.	*Mechanosensing via inhibition of dissipation in a thermodynamically …*	Bechhoefer J.
18.10 - 18.30	Mandal R.	*Dense & disordered active matter*	
18.30 - 18.50	Cleuren B.	*Sorting by resetting*	
18.50 - 19.05	Mohite A.T.	*Minimum action principle for entropy production rate of far-from- ….*	
19.05 - 19.20	Cristin J.	*Magnetic-like model for chemotactic navigation in ants*	
19.20 - 19.35	Bilai Biloa K.	*Optimal navigation in stochastic environments: insights from driven….*	

HALL LIVA			
	Workshop 4	Space and Astrophysical Plasmas: Complexity and Emergence	Tuesday 7
11.30 - 11.55	Elliott H.	*Automatically Plotting & Identifying Interplanetary CMEs & SIRs in insitu observations*	Chair
11.55 - 12.15	Katsavrias C.	*Polytropic index of interplanetary CMEs & SIRs near L1*	Dialynas K.
12.15 - 12.40	Sioulas N.	*Generation & expansion-driven growth of switchbacks in outer corona and solar wind*	
12.40 - 13.00	Kontogiannis I.	*Monitoring the evolution and activity of solar super-active regions*	
13:00 - 14.00	Break		
14.00 - 14.40	McComas D.	*Interstellar mapping & acceleration probe, IMAP: Overview, early science results*	Chair
14.40 - 15.10	Gkiolidou M.	*Revisiting the INCA belt with IMAP energetic neutral atom (ENA) observations*	Heather E.
15.10 - 15.25	Horaites K.	*The SOLAR-1 magnetometer and space weather monitoring around L1*	
15.25 - 15.45	Kasapis S.	*A living catalog of SEP events observed by IMAP*	
15.45 - 16.05	Cuesta M.	*Mesoscale structure of an interplanetary shock near 1 au: A multi-spacecraft …*	
16.05 - 16.25	Sarlis N.	*Origins of persistence in energetic neutral atom time series from IBEX*	
16.25 - 16.35	Gkioulidou M.	*Magnetohydrodynamic to ion-kinetic scales of heliospheric current sheet with IMAP*	
16.35 - 17.00	Deyeh M.	*Interplanetary magnetic field line stretching by an expanding CME: Evidence….*	
17.00 - 17.30	Coffee break		
17.30 - 17.55	Habbal S.	*On the evolution of the solar wind, plasma instabilities, and CMEs from the Sun…*	Chair
17.55 - 18.20	Vassiliadis D.	*NOAA's SWFO program: CCOR-1 and the SOLAR-1 observatory*	Cuesta M.
18.20 - 18.45	Pierrard V.	*Kappa distributions in solar wind and magnetospheric plasmas*	
18.45 - 19.10	Nicolaou G.	*Probing the solar wind energetics in the inner heliosphere with solar orbiter*	
19.10 - 19.35	D'Amicis R.	*Alfvénicity & nonMaxwellian features in solar wind streams: Insights from solar orbiter*	
19.35 - 20.00	La Vacca G.	*Probing plasma complexity: Emergent stability of particle diffusion during ….*	

Wednesday, July 8, 2026

MAIN HALL MAISTRO

	Plenary	MAIN CONFERENCE	Wednesday 8
09.00 - 09.40	Tsironis G.	*Artificial intelligence and complex dynamical systems*	Chair
09.40 - 10.20	Marinari E.	*Inferring concepts from noisy examples in Hopfield-like neural networks*	Bianconi G.
10.20 - 11.00	Pepper M.	*New many body quantum states and non-magnetic fractional quantization*	
11.00 - 11.30	Coffee break		

MAIN HALL MAISTRO

	Keynote	MAIN CONFERENCE	Wednesday 8
11.30 - 12.00	Ruppeiner G.	*Could black hole thermodynamics play a role in black hole mergers?*	Chair
12.00 - 12.30	Caruso F.	*Quantum artificial intelligence: from theoretical physics foundations to real-....*	Majumdar S.
12.30 - 13.00	Tkachenko A.	*Learning without the machine: Thermodynamic, chemical, evolutionary*	
13:00 - 14.00	Break		
	Area D	MAIN CONFERENCE	Wednesday 8
14.00 - 14.20	Cafiso M.	Criticality and temporal complexity in a stochastic exponential dense	Chair
14.20 - 14.40	Gawronski P.	*Imitation strategy in the Rosenzweig-MacArthur model*	Caruso F.
14.40 - 15.00	Ghio D.	*Latent kinetic Ising models for neural spike trains*	
15.00 - 15.20	Krawczyk M.	*Not all chaos is the same*	
15.20 - 15.40	Lee D.	*Dynamic neuron approach to deep neural networks*	
15.40 - 16.00	Shaidurov V.	*Exact predictability and krylov complexity in large chaotic networks*	
16.00 - 16.20	Sinha S.	*Configurational probability and glassy phase transition in two-phase flow in...*	
16.20 - 16.40	Wang R.	*Dirac-equation signal processing*	
16.40 - 17.00	Yadav A.	*Memory is distributed across time in chaotic networks*	
17.00 - 17.30	Coffee break		
	Area A	MAIN CONFERENCE	Wednesday 8
17.30 - 17.50	Puertas Centeno D.	*A new structure of informational functionals and inequalities*	Chair
17.50 - 18.10	Spagnolo B.	*Noise-enhanced metastability and perception in complex systems: From ....*	Žukovič M.
18.10 - 18-30	Yoshimura K.	*Quasiprobability thermodynamic uncertainty relations*	
18.30 - 18.50	Yurovsky V.	*Eigenstate thermalization to non-Gibbs states in strongly-interacting ....*	
18.50 - 19.10	Ellinas D.	*Superposition of topologies: indefinitely ordered composition of quantum...*	
19.10 - 19.30	Field T.	*Spectral theory of spin relaxation*	

HALL GRECO

	Special Session 1	Computing in Spin Glass and Beyond	Wednesday 8
11.30 - 11.45	Bae S.	Learning the local physics of quenched disorder with generative models	Chair
11.45 - 12.00	Biroli G.	*Theory of memorisation and generalisation in diffusion models of generative....*	Marinari E.
12.00 - 12.15	Decelle A.	*Learning dynamics and cascade of phase transitions in the restricted Boltzmann....*	
12.15 - 12.30	Seoane A.	*Spin glass algorithms to control the training of energy-based generative models*	
13.00 - 14.00	Break		
14.30 - 14.45	Cammarota C.	*Escaping uninformative minima: The role of initialization and Landscape ....*	Chair
14.45 - 15.00	Rossi S.	*Dreaming and clipping in the Hopfield model*	Martin-Mayor V.
15.00 - 15.15	Yllanes D.	*Dreaming and clipping in the Hopfield model.*	
15.15 - 15.30	Ruiz-Lorenzo J.J.	*Ultrametric predictions for small-field chaos in spin glasses: theory and ....*	
15.30 - 15.45	Parisi G.	*Non-perturbative effects in spin glasses*	
15.45 - 16.00	Martin-Mayor V.	*Are we entering the "Houdayer era" for spin glass simulations?*	
16.00 - 16.15	Pilati S.	*Spin-glass phases in quantum simulators: projection quantum Monte Carlo....*	
16.15 - 16.30	Pemartín I.G.A.	*A Long Prism Geometry for Spin Glasses: Intensive simulations and the ....*	
16.30 - 16.45	Leuzzi L.	*Multi-photon quantum simulation of generalized dense Hopfield models*	
16.45 - 17.00	Valigi P.	*Generalized Lotka-Volterra model on sparse asymmetric graphs: local ....*	
17.00 - 17.30	Coffee break		
17.30 - 17.45	Fytas N.	*Recent developments in the random-field Ising model*	Chair
17.45 - 18.00	Codello A.	*The phase boundary of the random site Ising model*	Ruiz-Lorenzo J.J.
18.00 - 18.15	Vasilopoulos A.	*Tricritical slowing down in hybrid update schemes*	
18.15 - 18.30	Janita M.A.	*Does the spin-glass transition survive in a magnetic field? Numerical results...*	
18.30 - 18.45	Rissone P.	*Cluster-based message-passing optimization in Rugged energy landscapes*	
18.45 - 19.00	Chilin C.	*Spin glass phase of Edwards Anderson 3D at very low temperatures and ...*	
19.00 - 19.15	Porras E.P.	*Improving quantum annealing success rate with machine learning*	

HALL GRABIS

	Workshop 9	Non-equilibrium phenomena and fluctuation theorems in physics and biology	Wednesday 8
		Biological physics at nano-scales	
11.30 - 11.55	Lässig M.	How the immune system learns about pathogens	Chair
11.55 - 12.20	Brown A.	Physical mechanisms of regulating mitochondrial protein levels	Morozov A.V.
12.20 - 12.35	Kabakcioglu A.	Speeding up RNA denaturation by cooling	
12.35 - 13.00	Rossi S.	Fluctuations and predictability in protein evolution	
13:00 - 14.00	Break		
14.00 - 14.25	Sivak D.	*Energy and information flows transduce free energy in biomolecular machines*	Chair
14.25 - 14.50	Tkachenko A.	*Emergence of natural selection and catalytic function in prebiotic information-....*	Morozov A.V.
14.50 - 15.15	Morozov A.V.	*Non-equilibrium dynamics in evolutionary game theory and population genetics*	
15.15 - 15.30	Pham T.	*Entropy production rate in stochastically time-evolving asymmetric networks*	
15.30 - 15.40	Workshop Break		
15.40 - 16.05	Pinheiro F.	*Growth and efficiency principles of bacterial metabolism*	Chair
16.05 - 16.30	Wang J.	*Quantifying the landscape and flux as the nonequilibrium driving forces for cell...*	Morozov A.V.
		Active matter	
16.30 - 16.45	Cheng C.	Shortcuts to state transitions for active matter	Chair
16.45 - 17.00	Choe Y.	Symmetry-breaking motility in disordered nematic active fluids	Morozov A.V.
17.00 - 17.30	Coffee break		
17.30 - 17.45	Li G.	*Universal performance bound for active machines*	
		Non-equilibrium statistical mechanics	
17.45 - 18.10	Yang Y.-J.	*A principled basis for nonequilibrium stochastic dynamics*	Chair
18.10 - 18.25	Di Bello C.	*On the identifiability of response functions from fluctuations away from equilibrium*	Morozov A.V.
18.25 - 18.50	Rubi M.	*Chaperone-Mediated Entropic Separation of Amyloid Nanofilaments*	
18.50 - 19.05	Holubec V.	*Violations of the thermodynamic uncertainty relation in autonomous ...*	
19.05 - 19.20	Qin J.	*Martingale forecasts of heat dissipation in non-equilibrium relaxations*	
19.20 - 19.35	Xiang C.	*Shortcuts to parameter sweep*	

HALL TRAMONTANA

	Workshop 5	Mesoscopic-scale liquid modeling, new perspectives for theoretical and experimental development	Wednesday 8
11.30 - 11.35		*Welcome and Introduction*	Chair
11.35 - 11.50	Baggioli M.	*Why honey crawls and water runs: atomistic mechanisms of viscosity in 2D fluids*	Peluso F.
11.50 - 12.05	Cockrell C.	*Vibrations, diffusions, and currents (oh my!) – Untangling the mechanisms …*	
12.05 - 12.20	Eapen J.	*Quasi normal modes in liquids*	
12.20 - 12.35	Noirez L.	*Is liquid shear elasticity a typical case of survivorship bias in physics?*	
12.35 - 12.50	Peluso F.	*Are liquids held together by springs? The mesoscopic foundations of the NET….*	
12.50 - 13.05	Tsori Y.	*Thermal topology optimization: diffuse interface models with Kapitza ….*	
13.05 - 13.30		*Around the table general discussion*	
13:30 - 14.00	Break		
	Workshop 2	**Mathematical Ideas across Multiple Scales in Networks**	**Wednesday 8**
14.00 - 14.20	del Genio C.	*Discrete mathematics of higher-order networks*	Chair
14.20 - 14.40	de Lellis P.	*Synchronizability in networks with higher-order directed interactions*	Boccaletti S.
14.40 - 15.00	Ghanbarnejad F.	*Universal geometric structure of epidemic spreading across scales*	
15.00 - 15.20	Mendes J.	*When does diversity matter in binary-choice dynamics?*	
15.20 - 15.40	di Matteo T.	*Network based filtering tools: a machine learning framework*	
15.40 - 16.00	Boccaletti S.	*Parenclitic hypergraphs and their applications to personalized medicine*	
16.00 - 16.20	Bianconi G.	*Topology shapes dynamics*	
16.20 - 16.40	Parmananda P.	*Collectivity via connectivity*	
16.40 - 17.00	Mokryn O.	*Temporal ordering dominates spreading processes on contact networks*	
17.00 - 17.30	Coffee break		
17.30 - 17.40	Chotalia A.A.	*Optimal energy pumping in an entrained neural system via frequency shuffling*	Chair
17.40 - 17.50	Lee D.	*Bulk-boundary decomposition of neural networks*	Bianconi G.
17.50 - 18.00	Auti G.	*Hebbian physics networks: Self-organized transport geometry from local …*	

HALL OSTRIA

	Workshop 8	Statistical Physics of Complex Systems: Recent Advances and Open Challenges	Wednesday 8
11.30 - 12.00	Bechhoefer J.	*An information engine with high performance and efficiency*	Chair
12.00 - 12.30	Sivak D.A.	*Thermodynamic geometry for control of stochastic systems*	Cocconi L.
12.30 - 13.00	Fodor E.	*Motile defects in contractile tissues: Insights from pulsating active matter*	
13:00 - 14.00	Break		
14.00 - 14.30	Serrano M.A.	*Statistical mechanics of random hyperbolic graphs*	Chair
14.30 - 15.00	Odor G.	*Active thermodynamics: Work extraction and control theory*	Lucente D.
15.00 - 15.30	Merbis W.	*Sociohydrodynamics of polarization and segregation: largescale spatial …*	
15.30 - 16.00	Klages R.	*Modeling the movements of organisms: Movement ecology meets active ….*	
16.00 - 16.20	Santos F.A.N.	*Interdependent scaling exponents in the human brain*	
16.20 - 16.40	Saad D.	*Random feature mapping for optical computing*	
16.40 - 17.00	Meyer-Ortmanns H.	*Mechanisms to induce metastable brain dynamics*	
17.00 - 17.30	Coffee break		
17.30 - 17.50	Pinero J.	*Nonreciprocal Hopfield nets for the endothelial-mesenchymal transition:…*	Chair
17.50 - 18.10	Jin J.	*Predictive fluctuating hydrodynamics simulations of interacting particles …*	Eicchorn R.
18.10 - 18.30	Rene A.	*Computing moments for arbitrary microcanonical distributions over graphs*	
18.30 - 18.45	Kwon E.	*Fluctuations of information flow: exactly solvable cases*	
18.45 - 19.00	Castro A.P.	*Antonio Patr´on Castro, Harnessing higher-dimensional fluctuations in an …*	
19.00 - 19.15	Rusch R.	*Characterizing the dynamics of driven Brownian particles in optical lattices*	
19.15 - 19.30	Santos A.	*The Mpemba effect in delayed cooling: The descartes protocol*	

HALL LIVA

	Workshop 4	Space and Astrophysical Plasmas: Complexity and Emergence	Wednesday 8
11.30 - 11.50	Kourakis I.	*Electrostatic solitary waves in space plasmas: Fundamental modeling & ….*	Chair
11.50 - 12.10	Kourakis I.	*Modulational instability and rogue wave formation in a two–electron–fluid …*	Kasapis S.
12.10 - 12.35	Stucchio R.	*Landau damping for non-Maxwellian distribution functions*	
12.35 - 13.00	Alterman B.	*Characterizing the impact of Alfvén wave forcing in interplanetary space on….*	
13:00 - 14.00	Break		
14.00 - 14.30	Kunz M.	*Velocity-space structure and differential heating of ions in solar-wind turbulence*	Chair
14.30 - 14.55	Vörös Z.	*Multiscale energy conversions in collisionless plasma turbulence: Dynamo,….*	Pierrard V.
14.55 - 15.20	Servidio S.	*Coherent structures and particles acceleration in space plasma turbulence*	
15.20 - 15.45	Consolini G.	*Irreversibility, energy cascade, and detailed balance violation in space …..*	
15.45 - 16.10	Zharkova V.	*Kinetic plasma turbulence generated by accelerated particles in 3D current ….*	
16.10 - 16.30	Horaites K.	*Geoelectric field caused by flux transfer in ionosphere-coupled Vlasiator ….*	
16.30 - 17.00	Tempesta P.	*Group entropies, information theory and complexity*	
17.00 - 17.30	Coffee break		
17.30 - 18.00	Oka M.	*Universal scaling law for particle energization in collisionless plasmas*	Chair
18.00 - 18.30	Khabarova O.	*Advances and challenges in geomagnetic storm prediction*	Horaites K.
18.30 - 18.55	Hristopoulos D.	*Statistical analysis of a SEP event: Fractional Brownian motion or not?*	
18.55 - 19.20	Malandraki O.	*Using type III radio bursts as evidence of particle escape from the Sun for ….*	
19.20 - 19.40	Sarlis N.	*Persistent behavior of low-energy SEP observed by Parker Solar Probe during ….*	
19.40 - 20.00	Kasapis S.	*Predicting SEP in the inner heliosphere using machine learning and PSP/ISOIS …*	

Thursday, July 9, 2026

MAIN HALL MAISTRO

	Plenary	MAIN CONFERENCE	Thursday 9
09.00 - 09.40	Tsallis C.	*Along the Boltzmann-Gibbs-von Neumann-Shannon legacy – Nonadditive entropies*	Chair
09.40 - 10.20	Majumdar S.	*Dynamically emergent correlations*	Evans M.
10.20 - 11.00	Bianconi G.	*Gravity from entropy*	
11.00 - 11.30	Coffee break		

MAIN HALL MAISTRO

	Keynote	MAIN CONFERENCE	Thursday 9
11.30 - 12.00	Consolini G.	*Fluctuation relation in MHD turbulence: Entropy production and time-reversal...*	Chair
12.00 - 12.30	Caldarelli G.	Materials discovery: the role of Networks and AI	Metzler R.
12.30 - 13.00	Quevedo H.	*Geometrothermodynamics*	
13.00 - 13.30	Caprini L.	*Thermodynamics and emergent behavior of chiral active matter*	
13:30 - 14.00	Break		
	Area A	**MAIN CONFERENCE**	**Thursday 9**
14.00 - 14.20	Ruiz Pino N.	*Feedback control: Markovian description and information bounds for the work*	Chair
14.20 - 14.40	Santalla S.N.	*The hyperlink representation of entanglement and the inclusion-exclusion principle*	Field T.
14.40 - 15.00	Scardigli F.	*Bekenstein bound and generalized entropies*	
15.00 - 15.20	Sevilla F.J	*Run-and-tumble dynamics with nonreciprocal transitions among three velocity states*	
15.20 - 15.40	Spiechowicz J.	*Ultrafast directed transport via energy recuperation in non-Markovian systems*	
15.40 - 16.00	Camp I.	*Matrix-product state skeletons in Onsager-integrable quantum chains*	
16.00 - 16.20	Jin T.	Quantum to classical computability transition via negative Markov chains formalism	
16.20 - 16.40	Özkaya K.E.	*Extending the quantum boundary layer method to finite confinement potentials*	
17.00 - 17.30	Coffee break		

HALL GRECO

		Non-equilibrium statistical mechanics	Thursday 9
11.30 - 11.55	Noirez L.	*From rheology to phonon-like energy transfer: the unexpected properties of ....*	Chair
11.55 - 12.15	Marder M.	*Exact solutions of dynamic fracture*	Morozov A.V.
12.15 - 12.35	Batini L.	*Two stories of metastability: Real-time dynamics of vacuum decay and long-...*	
12.35 - 12.55	Castellini S.	*Diffusiophoretic instability in gravitationally stable colloidal systems*	
13.00 - 14.00	Break		
	Area C	**MAIN CONFERENCE**	**Thursday 9**
14.00 - 14.20	Łepek M.	*A fast and flexible algorithm to measure fractality in complex networks*	Chair
14.20 - 14.40	Makowski M.	*A market-based gittins-type index for a transparent one-armed bandit with a....*	Malarz K.
14.40 - 15.00	Merbis W.	*Hyperscaling relations of spatial fluctuations in urban populations*	
15.00 - 15.20	Niedostatek M.	*Mining higher-order triadic interactions*	
15.20 - 15.40	Redaelli T.	*Negative chemotactic drift induced by surface-driven hydrodynamic interactions*	
15.40 - 16.00	Zaid A.A.	*Designing topological cluster synchronization patterns with the Dirac operator*	
16.00 - 16.20	Vismaya V.S.	Cyclic periodic synchronization in ring-star network of piecewise linear discontinuous maps	
17.00 - 17.30	Coffee break		

HALL GRABIS

	Area A	MAIN CONFERENCE	Thursday 9
11.30 - 11.50	Karlova K.	*From quantum spins to classical dimers: approaching a Kasteleyn transition ...*	Chair
11.50 - 12.10	Strecka J.	*Near-Carnot quantum heat engine realized through a frustrated spin-1....*	Peluso F.
12.10 - 12.30	Téllez Calle D.	*Hydrodynamics of ultra-confined systems*	
12.30 - 12.50	Valdés-Hernández A.	*Entanglement beyond statistics in hybrid fermionic systems: A Moshinsky....*	
12.50 - 13.10	Villarrubia Moreno D.	*Hagedorn phase transition in self-avoiding walks and optimal paths*	
13.10 - 13.30	Wolfson I.	*Geometric entropy: What any observer can know*	
13:30 - 14.00	Break		
	Area B	**MAIN CONFERENCE**	**Thursday 9**
14.00 - 14.30	Jensen M.H.	Phase separation, oscillations and genetic resonance in cell dynamics	Chair
14.30 - 14.50	Fruton P.	*Non-equilibrium stratification in supercritical CO2*	Strecka J.
14.50 - 15.10	Girardier D.	*How does the environment interact with a molecular system? Insights from non-.....*	
15.10 - 15.30	González Méndez D.	*Transport properties in a model of confined granular mixtures at moderate densities*	
15.30 - 15.50	Gutierrez R.	*Nonequilibrium criticality in the dynamics of synchronizing oscillators*	
15.50 - 16.10	Bussoletti M.	*Non-Gaussian statistics of concentration fluctuations in free liquid diffusion*	
16.10 - 16.30	Giampaolo S.M.	*Topologically frustrated quantum batteries: From theoretical advantage to ....*	
17.00 - 17.30	Coffee break		

HALL TRAMONTANA

	Workshop 3	Complexity & Economics	Thursday 9
11.30 - 11.50	Yakovenko V.	*The imminent peaks of world population and CO2 emissions*	Chair
11.50 - 12.10	Sosnovskiy S.	*Generalized Yule-Simon process*	Carbone A.
12.10 - 12.30	Ponta L.	*Relative cluster entropy and emergent risk diversity in financial volatility*	
12.30 - 12.50	Di Matteo T.	*Multiscaling and rough volatility*	
12.50 - 13.10	Yoon J.	*Empirical evidence from the financial market: A factor-conditional GAN for ....*	
13:10 - 14.00	Break		
	Area A	**MAIN CONFERENCE**	**Thursday 9**
14.00 - 14.20	Kosztołowicz T.	*Application of g-subdiffusion equation to model superdiffusion*	Chair
14.20 - 14.40	Montero A.M.	*Orientational ordering and correlations in a quasi-one-dimensional hard-dumbbell...*	Vàn P.
14.40 - 15.00	Li S.-W.	*The correlational entropy production and the macroscopic irreversibility problem*	
15.00 - 15.20	Lourens M.	*Generating generalised ground-state ansatzes from few-body examples*	
15.20 - 15.40	Lüders A.	*How the number of vertices determines the thermodynamics of hard polygon...*	
15.40 - 16.00	Maekawa Y.	*Geometric housekeeping-excess decomposition of information flow*	
16.00 - 16.20	Maluckov A.	*Compact localized states and ergodicity breaking in a nonlinear lattice model*	
16.20 - 16.40	Horiike Y.	*Non-thermalizing dynamics in quantum many-body systems on complex...*	
16.40 - 17.00	Husz D.	*Two-loop calculation of the incompressible active matter model with white ...*	
17.00 - 17.30	Coffee break		

HALL OSTRIA

	Workshop 12	Transport in quantum systems	Thursday 9
11.30 - 12.00	Pepper M.	*Electronic conduction in 1D - The 0.7 and spin polarisation*	Chair
12.00 - 12.30	Kravchenko S.	*Collective depinning and sliding of a quantum Wigner crystal in a two-dimensional ….*	Yurkevich I.
12.30 - 12.45	Kagalovsky V.	*Fractional conductances, dc noise, and fractional charges in the strongly …*	
12.45 - 13.00	Ridley M.	*Time-dependent noise spectroscopy of Majorana-bound states*	
13:00 - 14.00	Break		
14.00 - 14.20	Gefen Y.	*Effective linear response in far-from-equilibrium anyonic beams*	Chair
14.20 - 14.40	Lerner I.	*Coulomb blockade in a nonthermalized quantum dot*	Kagalovsky V.
14.40 - 15.00	Kusmartsev F.	*Josephson superconductivity in 2D Luttinger liquid*	
15.00 - 15.20	Ohtsuki T.	*Universal stochastic dynamics of monitored fermions: From free to interacting…*	
15.20 - 15.40	Gornyi I.	*Statistics-induced entanglement from Andreev-like tunneling in anyonic colliders*	
15.40 - 16.00	Pino Garcia M.	*Chaos and diffusion in twisted bilayer graphene*	
16.00 - 16.20	Gangardt D.	*Limit shape phenomena in quantum dynamics*	
16.20 - 16.40	Kuić D.	*Finite-time path field theory: perturbative and nonperturbative methods for….*	
16.40 - 17.00	Bradley A.	*Regimes of steady state turbulence in a quantum fluid*	
17.00 - 17.30	Coffee break		

HALL LIVA

	Workshop 4	Space and Astrophysical Plasmas: Complexity and Emergence	Thursday 9
11.30 - 11.55	Fleishman G.	*Constraining coronal heating in solar active regions with microwave data*	Chair
11.55 - 12.20	Dzifčáková E.	*FLARIX model of Si IV & O IV emission at loop footpoints due to electron beam ….*	Sarlis N.
12.20 - 12.45	Paschalidis N.	*In-Situ & remote sensing of space plasmas – Science, technology and ….*	
12.45 - 13.00	Sarlis V.	*4D-printedbBistable compliant mechanisms in space science applications*	
13:00 - 14.00	Break		
14.00 - 14.30	Fraschetti F.	*Particle acceleration and transport from young near-Sun solar wind unveiled…*	Chair
14.30 - 14.55	Yeimy R.	*Differentiating the acceleration mechanisms in the slow and Alfvénic slow solar…*	Kourakis I.
14.55 - 15.20	Chasapis A.	*Understanding nonthermal particle energization and turbulent dissipation in…*	
15.20 - 15.45	Arrò G.	*Nonthermal particle acceleration by magnetic pumping in pulsating plasmas*	
15.45 - 16.10	Ntormousi E.	*Strong magnetic turbulence and coherent structures as particle accelerators…*	
16.10 - 16.35	Tassis K.	*Precision galactic magnetometry*	
16.35 - 17.00	Livadiotis G.	*Kappa distributions: Theory and applications in space plasmas*	
17.00 - 17.30	Coffee break		

HALL SCIROCCO

	Poster Session	Thursday 9
17.30 - 19.00		

HALL TRAMONTANA

	Meeting	MDPI	Thursday 9
17.30 - 19.00	*Entropy Editor Meeting*		

HALL OSTRIA

	Meeting	EPS	Thursday 9
17.30 - 18.30	*EPS board round table*		

Friday, July 10, 2026

MAIN HALL MAESTRO

	Special Event	MAIN CONFERENCE	Friday 10
09.00 - 09.40	Mori F.	*Dynamics and control out of equilibrium: From active to learning systems*	Chair
09.40 - 10.20	Sposini V.	*Subordination processes for non-Gaussian diffusion: A modelling framework ...*	Burioni R.
10.20 - 11.00	Vespignani A.	*Bridging statistical physics and real-world epidemics: Networks, mobility ...*	

MAIN HALL MAESTRO

		Closing Ceremony	Friday 10
11.00 - 11.15	Burioni R.	*EPS awards*	Chair
11.15 - 11.30	Kaniadakis G.	*Sigmaphi awards*	Carbone A.
11.30 - 12.00	Coffee break		

Thursday, July 9, 2026

HALL SIROCCO

Poster section

Posters will be exposed in the HALL from Monday 08.30

Poster discussion will be held Thursday from 17.30 - 19.00

Almeida Silva P.F.	***Laplace nework renormalization in functional brain networks***
Bag P.	***Directed autonomous motion of active Janus particles induced by wall–particle alignment interactions***
Bassous J.	***Fluid simulations of electrostatic solitary waves in non-Maxwellian plasmas***
Bekos K.	***Monthly sunspot number forecasting using Gaussian process regression with Brownian oscillator kernel***
Chun H.-M.	***Fluctuation-response theory for nonequilibrium Langevin dynamics***
Citton O.	***The statistical physics of learning in under- and over-parameterized layered neural networks***
Constantoudis V.	***Stochastic geometry of fiber intersections: effects of directional bias and dimensionality reduction***
De Moraes L.	***Entropy production and functional asymmetry in rs-fMRI dynamics***
Deng L.	***Thermalization scaling in monolayer graphene: wave turbulence and beyond***
Field T.	***Dynamics of entangled spins under correlated classical random magnetic fields with susteinable ….***
Fronczak A.	***Granovetter's weak-tie paradox in scientific collaboration networks: Resolution and implications for …***
Fruton P.	***Transition from quasi-2D to 3D regimes in convective dissolution under confinement***
Gatouillat L.	***A mean field game approach for balancing intermittent power generation and consumption in electrical…***
Giraldo Barreto J.	***Active matter flocking via predictive alignment***
Gligoric G.	***Compact topological edge localization in flux-dressed graphene photonic ribbons: interplay of Aharonov–…***
Grammenos K.	***Frequency-resolved criticality metrics from EEG data: Effective coupling and effective dimensionality…***
Gupta P.	***The phase transitions in a p spin glass model: A numerical study***
Hirsh E.	***Estimating directional interdependencies between critical infrastructure networks using GDELT data***
Jovković D.	***Barkhausen noise in disordered striplike ferromagnets: Experiment versus theory***
Kim D.	***Ensemble inequivalence in the elasticity of semiflexible polymers with reversible spontaneous curvature***
Kim M.	***Anticorrelated noise provably ensures stable convergence to flatter minima***
Kotukh Y.	***Positive geometry of enzymatic quantum tunneling in alcohol dehydrogenase***
Mancic A.	***Reduced dynamical complexity of speech in psychosis: A Lyapunov perspective***
Noh G.	***Cross-linked and aligned polymer chain pairs under tension***
Paladi A.	***Ensemble-variational approach to environmental risk assessment of particulate matter***
Reyes Ferrer B.A.	***First passage time distribution of a Brownian particle in a viscoelastic bath***
Schnizer J.S.	***Analytical solution of overdamped Brownian motion in a periodic step potential***
Tamburrini A.	***Adaptive orthogonal bases for non-equilibrium velocity distributions from a superstatistical framework***
Vàn P.	***Thermodynamic conditions ensure the stability of third-order extended heat conduction***
Ye C.	***Stability and transformation of skyrmion lattices in anisotropic Heisenberg antiferromagnets: From …***
Yi M.	***Bundling and gelation: The phases of an array of parallel-aligned polymers with cross-links***
Zhu J.	***Towards a universal foundation model for protein dynamics: A multi-chain tree-structured framework …***
Zhu J.	***The 1/3 geometric constant: Scale invariance and the origin of 'missing energy' in 3D quantum ….***