

Program 10.09.2026	
08:45 - 09:30	REGISTRATION & OPENING
09:30 - 10:00	Antonio Politi Spatio-temporal dynamics in systems with multiple delays
10:00 - 10:30	Jürgen Kurths Stability of power grids concerning strong perturbations - tropical cyclones and increasing resilience
10:30 - 11:00	Oleksandr Popovych Whole-brain modeling of neuroimaging data and prediction of behavior
11:00 - 11:30	COFFEE BREAK
11:30 - 12:00	Markus Abel Statistical Mechanics and finite-size considerations of neural networks
12:00 - 12:30	Ralf Metzler The two levels of fractional: Fractional diffusion equation and fractional Brownian motion
12:30 - 12:50	Erik Kalz Unusual transport in odd-diffusive systems
12:50 - 14:15	LUNCH BREAK
14:15 - 14:45	Igor Sokolov Langevin equations with multiplicative noise: The mathematics, physics, and thermodynamics of interpretation
14:45 - 15:15	Benjamin Lindner Different notions of phase in the description of stochastic oscillations
15:15 - 15:45	Ralf Tönjes Observable operator models for event-time series
15:45 - 16:15	COFFEE BREAK
16:15 - 16:35	Toru Ohira Delay induced resonances
16:35 - 16:55	Yu Wang Oscillator networks with delayed adaptive coupling
16:55 - 17:25	Igor Aronson Partial fluidization approach to collective cell migration
18:00 - 21:00	RECEPTION

Program 11.09.2026	
09:00 - 09:30	Yuriy Maistrenko Chimera states and chaotic switching in coupled phase oscillators with inertia
09:30 - 10:00	Ulrich Parlitz Transient chaos in excitable media
10:00 - 10:30	Holger Kantz Multi model ensemble forecasts by Reservoir Computing
10:30 - 11:00	COFFEE BREAK
11:00 - 11:30	Carsten Beta Biohybrid active matter: The complex interplay of motile cells with passive micro-cargo
11:30 - 12:00	Robert Großmann From collective motion and synchronization to pattern formation in signaling active matter
12:00 - 12:20	Seungjae Lee Oscillation-induced route to tipping in open nonlinear networks
12:20-14:00	LUNCH BREAK
14:00 - 14:30	Michael Zaks Is synchronization compatible with homoclinicity?
14:30 - 15:00	Azamat Yeldesbay Reconstruction of phase-amplitude dynamics in coupled oscillator networks
15:00 - 15:30	Oleksandr Burylko Collective dynamics and bifurcations in frustrated spin system
15:30 - 16:15	COFFEE BREAK & POSTER SESSION
16:15 - 16:45	Eckehard Schöll Coherence resonance in excitable systems and networks
16:45 - 17:05	Vladimir Vlasov From data to knowledge: The changing role of models and domain expertise
17:05 - 17:25	Dan Zhao Synchronization transitions and spike dynamics in a higher-order Kuramoto model with Lévy noise
17:25 - 17:35	CLOSING