Giorno	Speaker	Titolo
09-lug		
	Piilo Jyrki	*Large scale statistically validated comorbidity networks*
	De Domenico Manlio	*Integrated modelling and analysis of biomedical systems*
	Howard Martin	*Modelling dynamical DNA methylation patterns*
	Biondo Marta	*The intrinsic dimension of gene expression during cell differentiation*
	Buonfiglio Valentina	*Mechano-kinetic characterisation of a small ensemble of myosin motors: a stochastic approach to actin-myosin interaction dynamics*
	Migliorini Giuliano	*Diffusion and enzymatic reactions in solutions crowded by branched polymers*
	Freund Jan	*Desynchronization transition in a model for broadcast spawning*
10-lug		
	Stramaglia Sebastiano	*Localizing synergies of hidden factors across complex systems: resting brain networks and HeLa gene expression profile as case studies*
	Scialdone Antonio	*Exploring spatial coding in olfaction with transcriptomics and machine learning*
	Casale Francesco Paolo	*Genetic analysis of retinal foundation model embeddings links morphology to ocular disease risk*
	Di Santo Serena	*Frequency-Dependent Covariance Analysis Reveals Critical Spatiotemporal Patterns of Synchronized Activity in the Human Brain*
	Catalano Alessandro	*Statistical Validation of Links in Biological Networks*
	Kalosakas George	*Stochasticity induced transitions in a bistable genetic circuit*
	Schmitt Francois	*Turbulence and plankton: experimental studies on optimal turbulence intensity for planktonic organisms*
	Suweis Samir	*Nested oscillations and avalanches of neural activity in the rat barrel cortex*
	Contreras Seba	*Testing as an Active Intervention to Control Epidemics*
	Di Patti Francesca	*Demographic Noise and Pattern Formation in living systems: Dynamics at the Edge of Order and Disorder*
	Krishna Shivani	*Nesting architecture of social wasps: ordering and growth dynamics*
	Sarmiento Yonathan	*Human perceptual decision making of nonequilibrium fluctuations*
	Semeraro Massimiliano	*Cluster size determines morphology of transcription factories in human cells*
	Moretti Daniela	*Twistable DNA-like polymer dynamics*
11-lug		
	Jensen Henrik Jeldtoft	*Emergence in Co-Evolution Dynamics: The Tangled Nature Model - Network and Information Theory*
	Miguel M. Carmen	*Cohesion and Confinement in Fish Schools: Uncovering Universal Dynamics in Intermediate-Sized Groups*
	Lazzari Paolo	*Understanding Marine Ecosystems Through Complex Biogeochemical Models*
	Matteo Gallo	*Inferring Differential Equations with an Explainable Neural Network*
	Cunico Ilaria	*Impact of the Microbial Loop on the Stability of the Trophic Network*
	Soto Lopez Carlos Enmanuel	*Assimilation of Remote Sensing Reflectance using a three-stream irradiance model*
	Azaele Sandro	*Why most species are very rare? The role of disorder and fluctuations in the coexistence of species.*
	Esposito Andrea	*Modeling Genome Architecture with Polymer Physics and Machine Learning in Health and Disease*
	Fiasconaro Alessandro	*G-quadruplex substructures revealed through molecular dynamics simulations and complex Markov network analysis*
	Di Carluccio Ciro	*An Information theory approach to study cellular chromosome organization*
	Di Pierno Florinda	*Statistical Inference of Chromatin Architecture in Sleep-Deprived Neurons*
	Fontana Andrea	*Physical principles of phase-separation action on DNA folding associated to aberrant gene activation*
	Bupu Annamaria	*Alternative Stable States in Microbial Communities: A Data-Driven Approach*