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Biological Physics and Statistical Mechanics: from molecules to cells and beyond

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Session 4 - Sala Caracciolo (00:40-12:55)

time	[id] title	presenter
09:00	[72] The role of criticality in the structure-function relationship in the human brain	Prof. SCARPETTA, Silvia
09:30	[73] Exploring cooperative effects among features in explainable artificial intelligence	Prof. STRAMAGLIA, Sebastiano
10:00	[74] The Laplacian Renormalization Groups (LRG) unveils the structural organization of heterogeneous networks	Prof. GABRIELLI, Andrea
10:30	Coffee Break	
11:00	[121] Modelling ecosystems in complex diseases	Prof. BUFFA, Francesca
11:30	[75] Generative modelling for protein evolution and design	Mr. ZAMPONI, Francesco
12:00	[111] Emergent time scales of epistasis in protein evolution	Dr. DI BARI, Leonardo
12:05	[95] Fluctuations and the limit of predictability in protein evolution	Dr. ROSSI, Saverio
12:25	[113] Integrating experimental feedback improves generative models for biological sequences	Dr. PEINETTI, Giovanni
12:30	[114] Inference of lineage hierarchies and growth mechanisms in cell populations without tracking	Dr. PIRAS, Andrea