

Avviso di Seminario

Il giorno 27 settembre alle ore 16 presso l'aula Aula Magna del Dipartimento di Fisica in Via Irnerio 46

Il Professor Emanuele Paci dell' Astbury Centre for Structural Molecular Biology dell'Università di Leeds (UK) terrà un seminario dal titolo

“Computational answers to experimental biophysics questions”



The fast development of advanced experimental probes, including single molecule ones, is revolutionising the study of complex biomolecular systems. Properties that have become measurable provide an opportunity to test theories and models. I will show how computational methods and simulations are valuable tools to assess the validity of theories and the interpretability of experiments. I will present methods developed in my group to answer questions raised by experiments and investigate structure and dynamics of proteins in different contexts, with a particular focus on single molecule force probes and mass spectrometry measurements