



Avviso di Seminario

13-11-2017, Ore 14:30 - Sala Riunioni terzo piano Dipartimento Di Fisica

Paolo Carloni

Juelich Research Center/rwth Aachen University

MULTISCALE SIMULATIONS OF G-PROTEINS COUPLED RECEPTORS

G-proteins coupled receptors are the largest receptor superfamily in humans, of paramount relevance for pharmaceutical intervention and food science. Here, we will present recent work from our lab on members across this family and their associated signaling cascades. We will highlight the usefulness of using multiscale simulations, from quantum to coarse-grain, to characterise structure and function of these fascinating and important biomolecules.

Speaker: Prof. Paolo Carloni Director Computational Biomedicine Forschungszentrum Jülich Germany

Il Direttore
Maurizio Maria Busso