

18th December

Time	Activity	Speaker	Title
08:45-09:00	Reception		
09:00-10:00	Invited Talk	Hidde de Jong	Boolean regulatory networks
10:00-10:30	Talk	Tomas Gedeon	Combinatorial dynamics for regulatory networks
10:30-10:50	Coffee Break		
10:50-11:20	Talk	Daniel Figueiredo	Reactive models for biological regulatory networks
11:20-11:50	Talk	Tomas Veloz	On the existence of synergies and the separability of closed reaction networks
11:50-12:20	Talk	Daniela Flores	Reaction network modeling of endosymbiotic interactions
12:20-13:40	Lunch		
13:40-14:10	Talk	Alejandro Sanchez	Proteins as dynamic architectural patterns
14:10-14:40	Talk	Leandro Gomes	Synchronous searching for DNA patterns
14:40-15:10	Talk	Carlos Tavares	Quantum simulation of quantum chemistry: a case study using IBM Q
15:10-15:30			
15:30-16:00	Talk	Julio Fenner	Random chromatin neighborhoods in $2n=40$ <i>Mus m. domesticus</i> meiotic cells: P-percolation and image segmentation
16:00-16:30	Talk	Delfim Torres	A Susceptible-Infected-Removed Model on Time Scales
16:30-17:00	Talk	Cristiana J. Silva	Optimal control of a delayed HIV/AIDS-PrEP model