

Applications of statistical physics to Biology

23-24 September 2017

Rudjer Boskovic Institute, Zagreb, Croatia

Programme

Saturday, 23 September 2017

Vinko Zlatić	Welcome	9:00-9:15
Vinko Zlatic	Complex networks	9:15-10:00
Vinko Zlatic	Diffusion on Complex networks	10:15-11:00
Coffee break		11:00-11:30
Mislav Cvitković	The many faces of transport in 2D systems exemplified by proteins trolling on a membrane	11:30-12:15
Maryam Aliee	Active gels as a model for tissue growth	12:20-13:05
Lunch		13:05-14:30
Namiko Mitarai	Foodweb dynamics and sustainability	14:30-15:15
Namiko Mitarai	Phage vs Bacteria	15:30-16:15
Coffee break		16:15-16:45
Namiko Mitarai	Competition, Cycles, and Diversity	16:45-17:30

Sunday, 24 September 2017

Kim Sneppen	Epigenetics: from phage lambda to multistability	10:00-12:00
Coffee break		12:00-12:30
Kim Sneppen	Disease spreading models	12:30-13:15
Nenad Pavin	Molecular motors, microtubules and cargo transport in living cells	13:30-15:00
Lunch		



The school is organized as a part of the [RBI-T-WINNING](#) project which has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 692194.
