

Applications of statistical physics to Biology

23-24 September 2017

Rudjer Bošković Institute, Zagreb, Croatia

ThPhys^{@IRB}



Programme

Saturday 23rd 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
Pause		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
Pause		16:15-16:45
Namiko Mitarai	Competition, Cycles, and Diversity	16:45-17:30

Sunday 24th September 2017

Kim Sneppen	Epigenetics: from phage lambda to multistability	10:00-12:00
Pause		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		

In order to register for the school, please send an email to Antonela.Maracic@irb.hr by Friday 22nd September 2017.



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