

Methods in Mathematical Biology

Monday 27 May 2024

Session: 1 - Lecture Hall (10:05-11:05)

time	[id] title	presenter
10:05	[1] Research at the Interface of Statistics and Medicine	KÖNIG, Inke
10:25	[2] Methods for analysing models from epidemiology and population genetics	POKALYUK, Cornelia
10:45	[3] Theoretical Biology in Plön	TRAULSEN, Arne

Session: 2 - Lecture Hall (11:35-12:15)

time	[id] title	presenter
11:35	[10] Rule- and data-based re-definition of biochemical pathways from genome-scale metabolic networks	WASCHINA, Silvio
11:55	[11] Boolean modeling in systems biology	SIEBERT, Heike

Session: 3 - Lecture Hall (13:15-14:15)

time	[id] title	presenter
13:15	[7] Modeling biological processes using partial differential equations	BRAACK, Malte
13:35	[8] Dealing with the uncertainty of life - stochastic processes and stochastic control in biology	CHRISTENSEN, Sören
13:55	[9] Methods for simulating S(P)DE driven dynamical systems	RÖBLER, Andreas

Session: 4 - Lecture Hall (14:30-15:10)

time	[id] title	presenter
14:30	[5] Constraint-based metabolic modeling of microbial communities	KALETA, Christoph
14:50	[6] Clonal Evolution of Cancer: Clinical and Theoretical Perspectives	KÜSTNER, Axel MÖLLER, Marius