

Developmental Biology	Gene Networks	Immunobiology and infection	Mathematical Epidemiology	Mathematical Neuroscience	Population Dynamics, Ecology and Evolution
Mathematical Oncology	Mathematical Physiology	Model Identification/ Estimation	Methods Development	Education	Other
DKFZ (INF 280)		Mathematikon (INF 205)		BioQuant (INF 267)	
Friday, 23.09.2022				Room	Zoom
MS 7 09:00-10:40	Modeling inflammation and cancers Dominik Wodarz, Natalia Komarova & Johnny Ottesen		DKFZ auditorium	<u>Zoom</u>	
	Cell and Developmental Biology Subgroup minisymposium: Spatial cell heterogeneity across scales Ruben Perez-Carrasco & Linus Schumacher		DKFZ K1+K2	<u>Zoom</u>	
	COVID-19 Across Multiple Scales Jonathan E Forde		BioQuant SR41	<u>Zoom</u>	
	Multi-scale and data-driven modeling approaches in ecology, immunology, and epidemiology Cameron Browne		BioQuant SR43	<u>Zoom</u>	
	Dynamical modeling of respiratory virus propagation Jacques Bélair		Mathematikon Hörsaal	<u>Zoom</u>	
	Sneak peak at the future of mathematical biology: biology-driven machine learning Dimitris Goussis & Andreas Deutsch		Mathematikon SR A+B	<u>Zoom</u>	
	Brain Rhythms in Health and Disease – Part 2 Anmar Khadra & Stephen Coombes		Mathematikon SR C	<u>Zoom</u>	
10:40-11:00	Coffee Break (DKFZ/BioQuant/Mathematikon)				
CT 4 11:00-12:40	Mathematical Oncology		DKFZ auditorium	<u>Zoom</u>	
	Mathematical Oncology		DKFZ K1+K2	<u>Zoom</u>	
	Mathematical Epidemiology		Mathematikon Hörsaal	<u>Zoom</u>	
	Population Dynamics, Ecology and Evolution		Mathematikon SR A+B	<u>Zoom</u>	
	Methods Development		Mathematikon SR C	<u>Zoom</u>	
12:40-14:30	Lunch		Mensa		
Keynote 14:30-15:20	Julijana Gjorgjieva Emergence of network connectivity from biologically plausible synaptic plasticity rules		DKFZ auditorium + streaming in Mathematikon & Bioquant	<u>Zoom</u>	
Closing 15:20-16:10	Closing Ceremony				