

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)	
Thursday, 22.09.2022				Room	Zoom
CT 2 09:00-10:40	Mathematical Oncology			DKFZ auditorium	<a href="#">Zoom</a>
	Mathematical Physiology			DKFZ K1+K2	<a href="#">Zoom</a>
	Population Dynamics, Ecology and Evolution			BioQuant SR41	<a href="#">Zoom</a>
	Population Dynamics, Ecology and Evolution			BioQuant SR42	<a href="#">Zoom</a>
	Immunobiology and Infection			BioQuant SR43	<a href="#">Zoom</a>
	Mathematical Epidemiology			Mathematikon Hörsaal	<a href="#">Zoom</a>
	Other			Mathematikon SR B	<a href="#">Zoom</a>
10:40-11:00	Coffee Break (DKFZ/BioQuant/Mathematikon)				
MS 5 11:00-12:40	Mathematical and computational modeling of cancer evolution <small>Philipp M. Altrock &amp; Marek Kimmel</small>			DKFZ auditorium	<a href="#">Zoom</a>
	Physical Determinants of Subcellular Processes <small>Fabian Spill</small>			DKFZ K1+K2	<a href="#">Zoom</a>
	Non-local mathematical models for collective migration: insights from analytical methods <small>Sara Bernardi &amp; William Duncan Martinson</small>			BioQuant SR41	<a href="#">Zoom</a>
	The SMB Immunobiology and Infection Subgroup mini-symposium <small>Stanca Ciupe &amp; Maria Rodriguez Martinez</small>			BioQuant SR42	<a href="#">Zoom</a>
	From single cells to populations: models and experiments <small>Philipp Thomas &amp; Paul Pihø</small>			BioQuant SR44	<a href="#">Zoom</a>
	Modelling of intra- and inter-hospital transmission of multidrug-resistant Enterobacteriaceae <small>Monika Joanna Piotrowska</small>			Mathematikon Hörsaal	<a href="#">Zoom</a>
	Recent advances in mathematical modelling in neuroscience <small>Mattia Sensi &amp; Panagiotis Kaklamanos</small>			Mathematikon SR A	<a href="#">Zoom</a>
CT'	Other			Mathematikon SR B	<a href="#">Zoom</a>
12:40-14:30	Lunch			Mensa	
CT 3 14:30-16:10	Mathematical Oncology			DKFZ auditorium	<a href="#">Zoom</a>
	Mathematical Oncology			DKFZ K1+K2	<a href="#">Zoom</a>
	Population Dynamics, Ecology and Evolution			BioQuant SR41	<a href="#">Zoom</a>
	Population Dynamics, Ecology and Evolution			BioQuant SR42	<a href="#">Zoom</a>
	Immunobiology and Infection	Model Identification		BioQuant SR44	<a href="#">Zoom</a>
	Mathematical Epidemiology			Mathematikon Hörsaal	<a href="#">Zoom</a>
	Developmental Biology			Mathematikon SR A	<a href="#">Zoom</a>
16:10-16:30	Coffee Break (DKFZ/BioQuant/Mathematikon)				
MS 6 16:30-18:10	How to get a big picture of cancer? Recent advances in mathematical oncology <small>Saskia Haupt, Vincent Heuveline &amp; Aysel Ahadova</small>			DKFZ auditorium	<a href="#">Zoom</a>
	Bridging scales between the cytoskeleton and tissue mechanics <small>Mingfeng Qiu &amp; Zoë Lange</small>			DKFZ K1+K2	<a href="#">Zoom</a>
	Multi-scale and data-driven modeling approaches in ecology, immunology, and epidemiology – Part 2 <small>Hayriye Gulbudak</small>			BioQuant SR41	<a href="#">Zoom</a>
	Modeling and analysis of within-host influenza infection and vaccination dynamics <small>Andreas Handel &amp; James McCaw</small>			BioQuant SR42	<a href="#">Zoom</a>
	Modelling and Estimation in Mathematical Biology <small>Anthony Jose Kearsley</small>			BioQuant SR44	<a href="#">Zoom</a>
	Digital twins in medicine: where we are, where we are heading, and what is needed <small>Luis Sordo Vieira</small>			Mathematikon Hörsaal	<a href="#">Zoom</a>
	Brain Rhythms in Health and Disease – Part 1 <small>Anmar Khadra &amp; Stephen Coombes</small>			Mathematikon SR A	<a href="#">Zoom</a>
	The Next Frontier in Mathematical Biology: Learning from Complex Biological Data <small>Suzanne Sindi, Erica Rutter &amp; A. Ali Heydari</small>			Mathematikon SR B	<a href="#">Zoom</a>
SMB 18:10-19:00	Subgroup meetings			Mathematikon	