

Preliminary Program Bonn Conference on Mathematical Life Sciences

Monday, April 17, 2023

14:00	Registration opens		
15:00	Opening Remarks		
15:15	Keynote - Gabriele Steidl , TU Berlin		
16:00	Keynote - Ruth Baker , Oxford University		
16:45	Coffee Break		
17:15	Parallel Track: Systems Biology Invited speaker: Alexander Skupin Chairs: Kevin Thurley & Jan Hasenauer	Parallel Track: Mathematical Image Analysis Invited speakers: Martin Benning, Sebastian Neumayer Chairs: Alexander Effland & Erich Kobler	Parallel Track: Computational Protein Modelling and Design Invited speaker: Reidun Twarock, Noelia Ferruz Capapey Chairs: Alena Khmelinskaia
18:30	Opening Reception		

Tuesday, April 18, 2023

09:00	Keynote - Rob de Boer , Utrecht University		
09:45	Keynote - Ana Pombo , Max-Delbrück-Center Berlin		
10:30	Coffee Break		
11:00	Parallel Track: Integrative Pathway Modelling Invited speaker: Marija Cvijovic Chairs: Jan Hasenauer & Dagmar Waltemath	Parallel Track: Mathematical Image Analysis Invited speaker: Martin Holler Chairs: Alexander Effland & Erich Kobler	Parallel Track: Computational Immunology Invited speaker: Carmen Molina-Paris Chairs: Kevin Thurley & Frederik Graw
12:30	Lunch Break (including Luncheon for early-career scientists)		
13:30	Parallel Track: Integrative Pathway Modelling Invited speakers: Mustafa Khammash Chairs: Jan Hasenauer & Dagmar Waltemath	Parallel Track: Mathematical Image Analysis Invited speakers: Anna Breger, Stefania Petra Chairs: Alexander Effland & Erich Kobler	Parallel Track: Computational Immunology Invited speaker: Johannes Textor Chairs: Kevin Thurley & Frederik Graw
15:00	Coffee Break & Poster Session		
16:30	Social Event		

Wednesday, April 19, 2023

09:00	Keynote - Carola-Bibiane Schönlieb , University of Cambridge
09:45	Keynote - Thomas Höfer , German Cancer Research Center
10:30	Coffee Break

11:00	Parallel Track: Integrative Pathway Modelling Invited speaker: Ina Koch Chairs: Jan Hasenauer & Dagmar Waltemath	Parallel Track: Chemoinformatics and computational drug design Invited speaker: Alexandre Varnek, Rebecca Wade Chairs: Christa Müller & Jürgen Bajorath	Parallel Track: Computational Immunology Invited speaker: Michael Lässig Chairs: Kevin Thurley & Frederik Graw
12:30	Lunch Break		
13:30	Parallel Track: Integrative Pathway Modelling Invited speaker: Clemens Kreutz Chairs: Jan Hasenauer & Dagmar Waltemath	Parallel Track: Chemoinformatics and computational drug design Invited speaker: Johannes Kirchmair Chairs: Christa Müller & Jürgen Bajorath	Parallel Track: Single-cell analysis Invited speaker: Nir Yosef Chairs: Anna Aschenbrenner & Thomas Ulas
15:00	Coffee Break & Poster Session		
16:30	Parallel Track: Integrative Pathway Modelling Invited speaker: Fabian Fröhlich Chairs: Jan Hasenauer & Dagmar Waltemath	Parallel Track: Dynamics of Cellular and Neuronal Networks Invited speakers: Paul Francois, Viola Priesemann Chair: Aneta Koseska	Parallel Track: Single-cell analysis Invited speakers: Dvir Aran, Lior Pachter Chairs: Anna Aschenbrenner & Thomas Ulas
18:30			
19:00	Conference Dinner		

Thursday, April 20, 2023

09:00	Parallel Track: Mathematical Biology Invited speaker: Matthias Röger Chairs: Alexander Effland & Juan José López Velázquez	Parallel Track: Modelling of tumour microenvironment Invited speaker: tba Chairs: Kevin Thurley & Jan Hasenauer	Parallel Track: Single-cell analysis Invited speaker: Lior Pachter Chairs: Anna Aschenbrenner & Thomas Ulas
10:30	Coffee Break		
11:00	Keynote - Oliver Stegle , German Cancer Research Center		
11:45	Keynote - Verena Ruprecht , Barcelona Institute of Science and Technology		
12:30	Closing Remarks		