

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 (SB-01) Invited speaker: Alexander Skupin Selected contributions Chairs: Kevin Thurley & Jan Hasenauer	Parallel Track: Mathematical Image Analysis (MIA-01) Invited speakers: Martin Benning, Sebastian Neumayer Chairs: Alexander Effland & Erich Kobler	Parallel Track: Computational Protein Modelling and Design (CPMD-01) Invited speaker: Reidun Twarock, Noelia Ferruz Capapey Selected contribution Chair: Alena Khmelinskaia
18:45	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 (IPM-01) Invited speaker: Marija Cvijovic Selected contributions Chairs: Jan Hasenauer & Dagmar Waltemath	Parallel Track: Mathematical Image Analysis (MIA-02) Invited speakers: Martin Holler, Audrey Repetti Chairs: Alexander Effland & Erich Kobler	Parallel Track: Computational Immunology I (CI-01) Invited speaker: Carmen Molina-Paris Selected contributions Chairs: Frederik Graw, Eva Kiermaier, Kevin Thurley
12:30	Lunch Break		
13:30	Parallel Track: Integrative Pathway Modelling (IPM-02) Invited speakers: Mustafa Khammash Selected contributions Chairs: Jan Hasenauer & Dagmar Waltemath	Parallel Track: Mathematical Image Analysis (MIA-03) Invited speakers: Anna Breger, Stefania Petra Chairs: Alexander Effland & Erich Kobler	Parallel Track: Computational Immunology II (CI-02) Invited speaker: Johannes Textor Selected contributions Chairs: Frederik Graw, Eva Kiermaier, Kevin Thurley
15:00	Coffee Break & Poster Session		
16:30	Social Event		

Wednesday, April 19, 2023

09:00	Keynote - Carola-Bibiane Schönlieb , University of Cambridge
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09:45	Keynote - Thomas Höfer , German Cancer Research Center		
10:30	Coffee Break		
11:00	Parallel Track: Integrative Pathway Modelling (IPM-03) Invited speaker: Ina Koch Selected contributions Chairs: Jan Hasenauer & Dagmar Waltemath	Parallel Track: Chemoinformatics and computational drug design (C&CDD-01) Invited speaker: Alexandre Varnek, Rebecca Wade Chairs: Christa Müller & Jürgen Bajorath	Parallel Track: Computational Immunology III (CI-03) Invited speaker: Michael Lässig Selected contributions Chairs: Frederik Graw, Eva Kiermaier, Kevin Thurley
12:30	Lunch Break		
13:30	Parallel Track: Integrative Pathway Modelling (IPM-04) Invited speaker: Clemens Kreutz Selected contributions Chairs: Jan Hasenauer & Dagmar Waltemath	Parallel Track: Chemoinformatics and computational drug design (C&CDD-02) Invited speaker: Johannes Kirchmair Selected contributions Chairs: Christa Müller & Jürgen Bajorath	Parallel Track: Single-cell analysis (SCA-01) Invited speaker: Nir Yosef Selected contributions Chairs: Anna Aschenbrenner & Thomas Ulas
15:00	Coffee Break & Poster Session		
16:30	Parallel Track: Integrative Pathway Modelling (IPM-05) Invited speaker: Fabian Fröhlich Selected contributions Chairs: Jan Hasenauer & Dagmar Waltemath	Parallel Track: Dynamics of Cellular and Neuronal Networks (DCNN-01) Invited speakers: Paul Francois, Viola Priesemann Selected contributions Chair: Aneta Koseska	Parallel Track: Single-cell analysis (SCA-02) Invited speakers: Dvir Aran Selected contributions Chairs: Anna Aschenbrenner & Thomas Ulas
18:30			
19:00	Conference Dinner		

Thursday, April 20, 2023

09:00	Parallel Track: Mathematical Biology (MB-01) Invited speaker: Matthias Röger Selected contributions Chairs: Alexander Effland & Juan José López Velázquez	Parallel Track: Systems Biology (SB-02) Chairs: Kevin Thurley & Jan Hasenauer Selected contributions	Parallel Track: Single-cell analysis (SCA-03) Invited speaker: Lior Pachter Selected contributions Chairs: Anna Aschenbrenner & Thomas Ulas
10:30	Coffee Break		
11:00	Keynote - Oliver Stegle , German Cancer Research Center		
11:45	Keynote - Anna Erzberger , EMBL Heidelberg		
12:30	Closing Remarks		