

Schedule of the CompuGene Symposium 2017

Time	Monday, June 19 th
14:00	Registration opening
15:00	Welcome
15:15	Mustafa Khammash, ETH Zürich <i>Cybergenetics: Theory and Tools for Biomolecular Control Systems</i>
15:45	Julius B. Lucks, Northwestern University <i>Uncovering How RNA Molecules ‘Make Decisions’ On the Fly: Towards Understanding and Engineering Cotranscriptional RNA Folding</i>
16:15	Coffee Break
16:45	Jörg S. Hartig, Universität Konstanz <i>Engineering synthetic riboswitches based on ribozyme expression platforms</i>
17:15	Ivo Hofacker, University of Vienna <i>t.b.a.</i>
17:45	Meet the Speakers and Poster Session
18:30 - 21:30	Dinner Beergarden Barbecue at Lichtenberg-Haus

Time	Tuesday, June 20 th
09:00	Elena Rivas, Harvard University <i>A statistical test of RNA base pair covariation applied to proposed long non-coding RNA structures</i>
09:30	Jongmin Kim, Harvard University <i>Complex Cellular Logic Computation Using Ribocomputing Devices</i>
10:00	Coffee Break
10:30	Matthew Scott, University of Waterloo <i>Physiological constraints on genetic circuits</i>
11:00	Jesse G. Zalatan, University of Washington <i>Synthetic CRISPR-Cas Gene Activators for Transcriptional Reprogramming in Bacteria</i>
11:30	Neil Dalchau, Microsoft Research Cambridge <i>Programming pattern formation in bacterial colonies</i>
12:30	Lunch
14:00	Alfonso Jaramillo, University of Warwick <i>Engineering RNA circuits in bacterial cells</i>
14:30	Ralf Seemann, Universität des Saarlandes <i>Droplet Based Microfluidics: The Interesting is not always Inside</i>
15:00	Harald König, KIT Karlsruhe <i>Designed biological systems meet society: challenges for science and applications</i>
15:30	Meet the Speakers and Poster Session with Coffee & Cake
17:15 - 18:15	Guided Tour at Mathildenhöhe Darmstadt (Limited spots)
19:00	Speakers Dinner (Speakers and CompuGene PhD students only)

Time	Wednesday, June 21th
09:00	Kobi Benenson, ETH Zürich <i>t.b.a.</i>
09:30	Nadanai Laohakunakorn, EPFL Lausanne <i>Tunable genetic circuits on a cell-free platform</i>
10:00	<i>Coffee Break</i>
10:30	Anke Becker, Universität Marburg <i>Chromosome-like megaplasmids as tools for genome engineering</i>
11:00	Guillaume Gines, Université Paris Sciences et Lettres <i>Spatial networks of DNA programmable particles</i>
11:30	Resume
12:00	<i>Lunch</i>