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PROGRAMME

18 – 20 September 2024
marinaforum Regensburg · Germany

**German Conference on
Synthetic Biology 2024**

www.dechema.de/gcsb2024

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IN COOPERATION WITH

 **GFGSB**
GEMEINSAME FACHGRUPPE
SYNTHETISCHE BIOLOGIE

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SYNTHETIC BIOLOGY

Wednesday, 18 September 2024

13:30	Opening
	TOOLS AND GENE NETWORKS <i>Chair: Charlotte Desczyk</i>
13:35	KEYNOTE Toward a World of Electrogenetics Martin Fussenegger
14:20	Tae Seok Moon
14:45	Maria del Carmen Sanchez Olmos
15:10	Coffee Break
	SYNTHETIC GENOMICS <i>Chair: Louis Schanzmann</i>
15:40	Christian Rauch
16:05	Timon Lindeboom
16:30	Jose Maria Uriel Urquiza Garcia
16:55	KEYNOTE RNA origami robots: Genetically expressible nanodevices that can sense, compute, and actuate Ebbe Sloth Andersen
17:40	Poster Party with Pretzel and Beer
19:30 - 20:30	General assembly

Thursday, 19 September 2024

	YEAST BIOFACTORIES <i>Chair: Martin Dippe</i>
09:00	KEYNOTE Synthetic biology tools for yeast cell factories Verena Siewers
09:45	Gita Naseri
10:10	Kilan Schäfer
10:35	Coffee Break
	METABOLIC ENGINEERING I <i>Chair: Markus Jeschek</i>
11:05	Sandra Lehner
11:30	Elly Straube
11:55	Giulia Ravagnan
12:20	Lunch / Poster Session
	METABOLIC ENGINEERING II <i>Chair: Jochen Schmid</i>
14:00	Johann E. Kufs
14:25	Katja Bettenbrock
14:50	Meike Baumgart
15:15	Coffee Break
	AI AND SYNTHETIC BIOLOGY <i>Chair: Andreas Kremling</i>
15:45	Tobias Vornholt
16:10	Peter Neubauer
16:35	Christine Drießlein
17:00 - 17:45	KEYNOTE Reservoir Computing with Bacteria Jean-Loup Faulon
19:00	Conference Dinner at Brauerei am Schloss

Friday, 20 September 2024

	SOLUTIONS FOR SUSTAINABILITY I <i>Chair: Hannes Link</i>
09:00	KEYNOTE Engineering Pseudomonas as an universal platform for detection of chemicals Pablo Ivan Nikel
09:45	Birgitta E. Ebert
10:10	Jan Tobias Boehnke
10:35	Coffee Break
	SOLUTIONS FOR SUSTAINABILITY II <i>Chair: Hans-Peter Deigner</i>
11:05	Andrea Belluati
11:30	Martin Dippe
11:55	Anna Faber
12:20	Lunch / Poster Session
	CELL-FREE AND BOTTOM-UP SYSTEMS <i>Chair: Jan Kalkowski</i>
14:00	Andrea Hupfeld
14:25	Franziska Kraußner
14:50	Ran Tivony
15:15	KEYNOTE The cell-free biology of parts, molecular assemblies and networks Henrike Niederholtmeyer
16:00	Closing
16:10	End of Conference