

7th Retreat of the Collaborative Research Center 1182 “Origin and Function of Metaorganisms”

Maritim Seehotel Timmendorfer Strand, November 4th-5th, 2021

Thursday, November 4th 2021

08:00 - 09:30	<i>Transportation from Kiel to Timmendorfer Strand</i>
09:00 - 11:30	<i>Registration & Check-in (Rooms are ready for check-in from 3 pm. Suitcases can be stored.)</i>
09:00 - 10:00	<i>Coffee</i>
10:00 - 10:15	Welcome by Thomas Bosch

10:15 - 12:45 C - Function and Life History (Chair: T. Dagan)

	C1 - Towards understanding an ultimately simple metaorganism: impact of symbiotic microbes on developmental processes of Hydra (T. Bosch)
10:15 - 10:35	C1: Jinru He & Christoph Giez
	C2 - Memory mechanisms of nutritional stress in the gut ecosystem (T. Roeder, P. Rosenstiel)
10:35 - 10:55	C2.1: Mirjam Knop
10:55 - 11:15	C2.2: Philip Rosenstiel
11:15 - 11:30	<i>Coffee</i>

	C4 - New approaches to understanding eco-evolutionary dynamics in metaorganisms (P. Rainey, T. Lachnit, U. Hentschel Humeida)
11:30 - 11:50	C4.1: Pauline Buffard & Bram van Dijk
11:50 - 12:10	C4.2: Laura Ulrich
12:10 - 12:30	C4.3: Leon Steiner
12:30 - 12:45	Discussion C Projects

12:45 - 13:00 **Group photo**

13:00 - 14:00 *Lunch*

14:00 - 16:30		B - Recognition and Communication (Chair: K. Dierking)
		B1 - Host-microbe cross talk in the early metazoan taxa Porifera and anthozoan Cnidaria (U. Hentschel Humeida, S. Fraune)
14:00 - 14:20		B1.1: Lara Schmittmann & Angela Marulanda
14:20 - 14:40		B1.2: Nida Kaya & Gabriela Fuentes Reyes
		B2 - Microbiota-host interactions at the base of the metazoan tree (R. Schmitz-Streit, T. Reusch)
14:40 - 15:00		B2.1: Nadin Jensen & Thorsten Zimmer
15:00 - 15:20		B2.2: Nora Grossschmidt
15:20 - 15:35		<i>Coffee</i>
		B4 - Microbial interactions within the metaorganism: mechanisms of bacterial niche specialization and warfare in symbiosis (T. Dagan, D. Unterweger)
15:35 - 15:55		B4.1: Devani Romero Picazo
15:55 - 16:15		B4.2: Hanna Fokt
16:15 - 16:30		Discussion B Projects
16:30 - 16:45		<i>Coffee</i>
16:45 - 18:25		A - Evolution and Ecology (Chair: U. Hentschel)
		A4 - Mathematical modelling of interactions in evolving metaorganisms (A. Traulsen, H. Schulenburg)
16:45 - 17:05		A4.1: Florence Bansept
17:05 - 17:25		A4.3: Anna Czerwinski
		A1 - Molecular basis and evolutionary dynamics of <i>C. elegans</i>-microbiome interactions (H. Schulenburg, K. Dierking, C. Kaleta)
17:25 - 17:45		A1.1: Carola Petersen
17:45 - 18:05		A1.2: Lena Peters
18:05 - 18:25		A1.5: Georgios Marinos
18:25 - 19:30		<i>Dinner</i>
19:30 - 21:05		A - Evolution and Ecology (Chair: U. Hentschel)
		A2 - Host-microbiome coevolution in the mammalian intestine (J. Baines, A. Franke)
19:30 - 19:50		A2.1: Shauni Doms
19:50 - 20:10		A2.2: Malte Rühlemann

	A3 - Colonization dynamics and resilience to fungi in the wheat microbiota (E. Stukenbrock, T. Dagan)
20:10 - 20:30	A3.1: Carolina Sardinha Francisco
20:30 - 20:50	A3.2: Shreya Vichare
20:50 - 21:05	Discussion A Projects
21:15	Net-working (with wine and beer)

Friday, November 5th 2021

07:00 - 08:30	<i>Breakfast, Check-out</i> (Check-out until 11 am. Suitcases can be stored.)
08:30 - 08:45	Flash Talks by Associated Members The Associated Members Petra Bacher, Marc Bramkamp and Olivia Roth present their research (5 min each).

08:45 - 11:15	INF/Z/PR – Service Facilities (Chair: E. Stukenbrock)
	INF - Data management and integrated analyses (A. Franke, M. Höppner, H. Marten)
08:45 - 09:05	INF: Lucas Moitinho-Silva
	Z2 - Microorganism: Culture and single cell analysis (R. Schmitz-Streit)
09:05 - 09:25	Z2: Blanca Rincón Tomás
	Z3 - Next generation sequencing and proteomics applications for studying metaorganisms (J. Baines, P. Rosenstiel, A. Tholey)
09:25 - 09:45	Z3: Jan Leipert
09:45 - 10:00	<i>Coffee</i>
	PR - Communicating the metaorganism (I. Parchmann, T. Bosch, T. Duscher)
10:00 - 10:20	PR1: Christina Claussen
10:20 - 10:40	PR3: Agnes Piecyk & Manuel Reitz
10:40 - 10:55	Discussion Service Projects
10:55 - 11:10	<i>Coffee</i>

- 11:10 - 11:20** **Flash Talks by Associated Members**
The Associated Members Felix Sommer and Silvio Waschina present their research (5 min each).
- 11:20 - 11:30** **Young Scientist Project (M. Rühlemann)**
- 11:30 - 12:30** **General Discussion**
- 12:30 - 14:00** *Lunch*
- 13:30 - 14:00** **Steering Committee Meeting**
- 14:15 - 15:30** *Transportation from Timmendorfer Strand to Kiel*