

MibiNe⊗t Workshop

Synthetic design and analysis of microbial communities

May 14 – 16 2024

Tuesday 14.05.2024

10:00 – 12:00 Lectures | HHU – Building 22.01 HS2B | Zoom

Prof. Dr. Yagut Allahverdiyeva-Rinne

“Artificial microfilms of algae and cyanobacteria”

Prof. Dr. Katja Bühler

“Beneficial applications of biofilms”

12:00 – 13:00 | HHU – Building 22.07 ZSL

Lunch Break

13:00 – 16:00 | HHU – Building 22.07 ZSL

Hands-On Session

Social event: BBQ at Schloss Mickeln

Wednesday 15.05.2024

10:00 – 12:00 Lectures | HHU – Building 22.07 ZSL

Prof. Dr. Dannis Nürnberg

“Photosynthesis and the limits of life”

Prof. Dr. Daniel Ducat

“PhotoSynthetics: Elucidating energy balancing mechanisms in cyanobacteria via metabolic engineering”

12:00 – 13:00 | HHU

Lunch Break – Vita Mensa

13:00 – 16:00 | HHU – Building 22.07 ZSL

Hands-On Session

Social event: ZSL / Altstadt

Thursday 16.05.2024

09:00 Departure to RWTH Aachen

10:00 – 11:00 Lectures | RWTH

Hands-On Session

11:00 – 12:00 Lecture | RWTH

Prof. Dr. Nick Wierckx

“Microbial catalysts for the biobased production of chemicals”

12:00 – 13:00 | RWTH

Lunch Break

13:00 – 14:00 Lecture | RWTH

Prof. Dr. Lars Blank

“Basic and applied aspects of microbial metabolism”

14:00 – 16:00 Lecture | RWTH

Hands-On Session – 13C Flux

Wrap-up

Departure