



# 4th IP Retreat TapNature

## Wednesday 22 October 2025

**MYSUN: From modeling photosynthetic metabolism to biocatalytic applications - Hall 1 B (12:45 - 14:15)**

**-Conveners: Ralf Steuer**

time	[id] title	presenter
12:45	[15] Modeling of cyanobacterial metabolism	STEUER, Ralf
13:15	[16] When a chaotropic agent turns into a nutrient – Guanidine assimilation and riboswitch-based gene regulation in cyanobacteria for synthetic biology applications	KLÄHN, Stephan
13:35	[17] Establishing an in vivo cascade in cyanobacteria for light-driven redox biocatalysis on gram scale.	TÜLLINGHOFF, Adrian
13:55	[21] From Lab-Scale Catalytic Biofilms to Living Materials	LAMBRECHT, Johannes