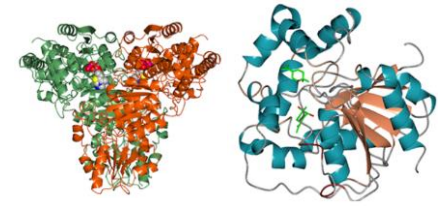


ESAB-SBE Webinar *Synthetic Biology and Metabolic Engineering Tools and Methodologies*



October 22th 2021, 16.00-18.00 CET

- **Chairs:** Frangiskos Kolisis (National Technical University Athens); Roland Wohlgemuth (Lodz University of Technology)

PROGRAMME: (25 min. lecture, 5 min. discussion)

- **16.00-16.30 Prof. Dr. Vassily Hatzimanikatis, Laboratory of Computational Systems Biotechnology, École Polytechnique Fédérale de Lausanne, EPFL, Lausanne, Switzerland**
Title: Computational methods and resources for Synthetic Metabolism and Metabolic Engineering
- **16.30-17.00 Prof. Dr. Tobias Erb, Max Planck Institute for Terrestrial Microbiology, Marburg & LOEWE Center for Synthetic Microbiology (SYNMIKRO), Philipps University of Marburg, Germany**
Title: Re-thinking photosynthesis with synthetic biology: From natural photosynthesis to artificial chloroplasts and back
- **17.00-17.30 Prof. Dr. Sven Panke, Swiss Federal Institute of Technology (ETH Zürich), D-BSSE & Molecular Systems Engineering, National Competence Center in Research (NCCR), Basel, Switzerland**
Title: Methods for strain and enzyme engineering
- **17.30-18.00 Prof. Dr. Benjamin Woolston, Chemical Engineering, Northeastern University, Boston, MA, USA**
Title: Metabolic Engineering for Production of Biofuels and Bioproducts from Methanol