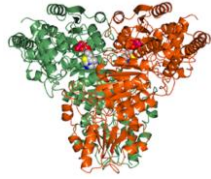


ESAB Webinar Biocatalytic Process Engineering



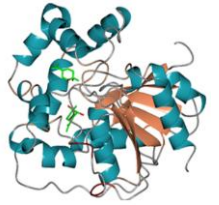
October 21st 2022,

13.00-15.30 British Summer Time (BST)

14.00-16.30 Central European Time (CET)

09.00-11.30 Brasília Time (BRT)

08.00-10.30 Eastern Daylight Time (EDT)



PROGRAMME:

Chairs: Polona Žnidaršič Plazl (University of Ljubljana)

Roland Wohlgemuth (Lodz University of Technology)

- **14.00-14.30 Prof. Dr. Andreas Liese, Institute of Technical Biocatalysis, Hamburg University of Technology TUHH, Germany**
Title: Facing Climate Challenge by Technical Biocatalysis
- **14.30-15.00 Prof. Dr. Kathrin Castiglione, Department of Chemical and Biological Engineering, Institute of Bioprocess Engineering, Friedrich-Alexander-Universität Erlangen-Nürnberg, Erlangen, Germany**
Title: Engineering of biocatalytic preparations: alternatives to the use of whole cells and isolated enzymes
- **15.00-15.30 Prof. Dr. Luciana Rocha Barros Gonçalves, Chemical Engineering Department, Federal University of Ceara, Fortaleza, Brazil**
Title: Heterogeneous biocatalysts for industrial application: Challenges and trends
- **15.30-16.00 Prof. Dr. Bernd Nidetzky, Institute of Biotechnology and Biochemical Engineering, Graz University of Technology, NAWI Graz, and Austrian Centre of Industrial Biotechnology (acib), Graz, Austria**
Title: Enzyme cascade reactions for synthesis: natural product glycosides and oligosaccharides
- **16.00-16.30 Prof. Dr. Anne S. Meyer, Protein Chemistry & Enzyme Technology Section, Department of Biotechnology and Biomedicine, DTU Bioengineering, Technical University of Denmark, Kgs. Lyngby, Denmark**
Title: Enzymatic degradation of poly(ethylene terephthalate) (PET): New insight into the significance of PET crystallinity & new assay methods