

ESAB Webinar Enzymatic Reaction Mechanisms and their Biocatalytic Applications



November 17th 2023,



04.00-06.00 Eastern Standard Time (EST)

09.00-11.00 Greenwich Mean Time (GMT)

10.00-12.00 Central European Time (CET)

11.00-13.00 Eastern European Time (EET)

13.30-15.30 India Standard Time (IST)

17.00-19.00 China Standard Time (CST)

18.00-20.00 Japan Standard Time (JST)



Chairs: Roland Wohlgemuth (Lodz University of Technology)
Jennifer Littlechild (University of Exeter)

PROGRAMME:

- **10.00-10.05 Welcome and Introduction**
- **10.05-10.40 Prof. Dr. Reinhard Sterner**, Institute of Biophysics and Physical Biochemistry, Regensburg Center for Biochemistry, University of Regensburg, D-93040 Regensburg, Germany.
Title: Retracing the Rapid Evolution of an Herbicide-Degrading Enzyme by Protein Engineering
- **10.40-11.15 Prof. Dr. Takehiko Tosha**, Graduate School of Science, University of Hyogo, Hyogo, Japan
Title: Mechanism of enzymatic nitric oxide reduction revealed by time-resolved structural analysis
- **11.15-11.50 Prof. Dr. Volker Müller**, Department of Molecular Microbiology & Bioenergetics, Johann Wolfgang Goethe University Frankfurt, D-60438 Frankfurt am Main, Germany
Title: Conversion of carbon dioxide to value-added compounds using acetogenic bacteria
- **11.50-12.00 Prof. Dr. Willi Meier**, ESAB, 1000 Brussels, Belgium
Title: Digital ESAB Congress 27-29 November 2023