



Sept. 17		Section	Section Chair	Title	Presenter
10:00-10:20	Session 5	Sustainable Bioeconomic Development	Luuk van der Wielen	Sustainable Bioeconomy : a Process Systems Point of View	Prof. Nilay Shah Dept of Chemical Engineering, Imperial College London
10:20-10:40				Bio-based solutions for a low carbon economy	Dr. Solange Mussatto Biosustain Institute, DTU
10:40-11:00				Towards zero emission biorefineries	Prof. Henk Noorman Chief Scientist Bioprocess Engineering, DSM NV, NL
11:00-11:20				tbd	
11:20-11:40				(Bio)process Intensification: cases that (don't) work	Prof. Luuk van der Wielen Dept Biotechnology TU Delft, Bernal Institute, U Limerick
11:40-12:00				Factors to accelerate sustainable bioeconomic development	Dr. Solange Mussatto Moderator Panel discussion
BREAK					
14:00-14:20	Session 6	Biocatalytic Process Engineering	Bruno Buehler Polona Žnidaršič-Plazl	Tapping natural photosynthesis for hydrogen production: Chemoselective splitting of water using cyanobacterial whole cell biocatalysts	Andreas Schmid Helmholtz-Zentrum für Umweltforschung UFZ, Germany
14:20-14:40				(Photo)biocatalytic cascades in non-conventional media	Selin Kara Aarhus University, Denmark
14:40-15:00				Phenylethanoid glycoside synthesis: immobilization, medium engineering and process optimization	Milan Polakovic Slovak University of Technology, Slovakia
15:00-15:20				Top-down and bottom-up assembly of enzyme cascades. A multiscale approach to compartmentalized biocatalysis	Christof Niemeyer Karlsruhe Institute of Technology, Germany
15:20-15:40				EnzymeML, an SBML-based exchange format for biocatalytic data	Juergen Pleiss University of Stuttgart, Germany
15:40-16:00	Biocatalytic process intensification based on time scale analysis	Goran Jovanovic Oregon State University, USA Igor Plazl University of Ljubljana, Slovenia			