
Program

Workshop: Production of biobutanol and succinic/lactic acid from lignocellulose biomass:

bilateral Czech-Chinese Inter-Action project, project meeting

Tuesday, June 13, 2017

Venue: National Technical Library, Hall 1

Scope: This workshop is proposed as a project meeting between the bilateral partners of Inter-Action project, UCT Prague, Czech Republic and Tsinghua University, China. The research activities of both project teams will be presented, the project outputs will be evaluated and the plan of next activities will be discussed.

Chairpersons: **Leona Paulová** *Institute of Biotechnology, UCT Prague, Czech Republic*, **Jianan Zhang** *Institute of Nuclear and New Energy Technology, Tsinghua University, China*

10:00 Workshop opening

Karel Melzoch *rector of UCT Prague, Czech Republic*

10:15 Overview of project research activities performed at UCT Prague

Leona Paulová *UCT Prague, Czech Republic*

10:30 Production of butanol using lignocellulosic material: selection of high tolerant strains and consolidated process arrangement

Petra Patáková and Maryna Vasilkyvska *UCT Prague, Czech Republic*

10:50 Production of lactic acid using lignocellulose and other waste materials

Marek Drahokoupil and Leona Paulová *UCT Prague, Czech Republic*

11:05 Flow cytometry as a convenient tool for process control

Barbora Branská *UCT Prague, Czech Republic*

11:20 Overview of project research activities performed at Tsinghua University

Jianan Zhang *Tsinghua University, China*

11:40 Production of butanol with a new symbiotic system TSH06 under micro-aerobic condition

Hongjuan Liu *Institute of Nuclear and New Energy Technology, Tsinghua University, China*

12:00 Production of succinic acid by fermentation: mutation and selection of microorganism by ARTP

Xiang Yan *Institute of Nuclear and New Energy Technology, Tsinghua University, China*

12:20 Informal discussion with refreshment