

# Workshop on Chemical Processes of Biomass Utilization in the Slovak-Hungarian Frontier Region

## When?

**October 17<sup>th</sup> 2012, 10.00 AM**

## Where?

Slovak University of Technology in Bratislava  
Faculty of Chemical and Food Technology  
Radlinského 9, (Room No. 295)  
Bratislava  
Slovak Republic



## Key Topics

- Catalytic conversions of bio-oils obtained by pyrolytic decomposition of non-edible biomaterials
- Catalytic hydroconversion of lower bio-carboxylic acids to bio-alcohols
- Chemical utilization of bio-glycerol by hydrogenolysis, oxidation, etherification and by transformation to carbonate

## Building Partnership



Hungary-Slovakia  
Cross-border Co-operation  
Programme 2007-2013

**European Union**  
European Regional Development Fund



## Scientific Program

- 10:00 Opening  
Welcome addresses by the Vice Rector of STU in Bratislava and the Dean of FCHPT  
Official Opening of the Project No. HUSK/1101/1.2.1/0318:  
**Chemical Processes of Biomass Utilization in the Slovak-Hungarian Frontier Region** (Alexander Kaszonyi, József Valyon)
- 10:30 **Studies of the Catalytic Conversions of Bio-Oils Obtained by Pyrolytic Decomposition of Non-Edible Biomaterials** (Ferenc Lónyi)
- 10:40 **Catalytic Conversions of Lignocellulosic Materials and Municipal Wastes into Biofuels** (Ján Cvengroš)
- 10:50 **The Catalytic Hydroconversion of Lower Bio-Carboxylic Acids to Bio-Alcohols** (György Onyestyák)
- 11:00 Coffee break, refreshment
- 11:15 **Catalytic Transformation of Polyols to Carbonates** (László Seemann, Alexander Kaszonyi)
- 11:25 **Catalytic Transformation of Bio-Glycerol to Diols** (Andrej Ševčík, Alexander Kaszonyi)
- 11:35 **Catalytic Etherification of Glycerol** (Andrej Turan, Dušan Mravec)
- 11:45 **Catalytic Transformation of Polyols to Carboxylic Acids** (Stanislav Vajíček, Magdaléna Štolcová)
- 11:55 Partners from Industry  
Discussion  
Excursion to the future Joint Slovak-Hungarian Laboratory for Development of Catalyzed Chemical Processes of Biomass Utilization
- 12:30 Closing

### Further information and registration:

E-mail: [alexander.kaszonyi@stuba.sk](mailto:alexander.kaszonyi@stuba.sk)  
[www.husk-cbc.eu](http://www.husk-cbc.eu)

**We are looking forward to meet you!**

