



**Budapest University of Technology and Economics
Faculty of Chemical Technology and Biotechnology**

**Science Without Borders
Short description of the offered subjects for "Individual project"
2014-15**

MINICONFERENCE OF THE BRASILIAN STUDENTS

**14 JANUARY 2015
ROOM "SCHAY"
(BUILDING F, STAIRCASE I, FLOOR 2)**

PROGRAM

9:00 WELCOME

9:10 Alex Leandro Andrade de Lucena

THERMAL DECOMPOSITION OF AMMONIUM MOLYBDATE, $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$

Consultant: Imre Szilágyi

9:20 Alexandre Kotchenko Lucchesi Rangel

CHARACTERIZING OXIDE NANOSTRUCTURES

Consultant: Imre Szilágyi

9:30 Gustavo dos Santos Lopes

GAS SENSITIVE OXIDE NANOFILMS AND NANOCOMPOSITES

Consultant: Imre Szilágyi

9:40 Diogo Corrêa Santos

PHOTOCATALYTIC CORE/SHELL OXIDE NANOCOMPOSITES

Consultant: Imre Szilágyi

9:50 Laura Pinheiro Nichele

PREPARATION AND CHARACTERIZATION OF CARBON AEROGEL-MOF COMPOSITES

Consultant: Krisztina László

10:00 Gustavo Gomez

PREPARATION AND CHARACTERIZATION OF CARBON AEROGEL-GRAPHENE OXIDE
COMPOSITES

Consultant: Krisztina László

10:10 Flávia Guimarães Lopes

INVESTIGATION OF DIFFERENT CONTROL LOOP STRUCTURES WITH MATLAB MODELLING

Consultant: Péter Mizsey

10:20 João Lucas Medeiros

UNCARIA TOMENTOSA (WILLD. L.) – CAT’S CLAW: DYNAMIC MACERATION STUDIES

Consultant: Edit Székely

10:30 Marília Cunha

BIOSURFACTANT PRODUCTION VIA *BACILLUS LICHENIFORMIS* FERMENTATION

Consultant: Áron Németh

10:40 Mateus Saraiva

PROBIOTIC FERMENTATION WITH *LEUCONOSTOC MESENEROIDES*

Consultant: Áron Németh

10:50 CLOSING REMARKS