



**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, Spring Semester**

2ND MINICONFERENCE OF THE BRASILIAN STUDENTS

**29 JUNE 2015
ROOM "SCHAY"
(BUILDING F, STAIRCASE I, FLOOR 2)**

PROGRAM

10:00 WELCOME

10:10 Alex Leandro Andrade de Lucena

THERMAL BEHAVIOR OF AMMONIUM MOLYBDATES

Supervisors: Imre Szilágyi, Dávid Hunyadi

10:20 Gustavo dos Santos Lopes

PREPARATION AND CHARACTERIZATION OF GAS SENSING AND
ELECTROCHROMIC THIN FILMS BY DIP COATING AND SPIN COATING

Supervisors: Imre Szilágyi, Stefan Boyadjiev

10:30 Laura Pinheiro Nichele

SYNTHESIS AND CHARACTERIZATION OF RF GEL/MOF COMPOSITES

Supervisors: Krisztina László, Balázs Nagy

10:40 Gustavo da Silveira Gomes

CHARACTERIZATION OF CARBON AEROGEL GRAPHENE-OXIDE
COMPOSITES

Supervisors: Krisztina László, Balázs Nagy

10:50 Joao Lucas Medeiros de Barros Vieira

APPLICATION OF AC ELECTROSPINNING IN PHARMACEUTICAL TECHNOLOGY

Supervisor: Zsombor Nagy

11:00 Guilherme Moreira Gouvea

DEVELOPMENT OF NANOFIBER-BASED FORMULATIONS FOR DISSOLUTION ENHANCEMENT

Supervisor: Zsombor Nagy

11:10 Alexandre Kotchenko Lucchesi Rangel

SYNTHESIS OF SIMPLE CARBOHYDRATE DERIVATIVES

Supervisor: Zsolt Rapi

11:20 Mateus Moreira Saraiva

PROBIOTIC FERMENTATION WITH LEUCONOSTOC MESENTEROIDES

Supervisor: Áron Németh

11:30 Rafael de Oliveira Morais

ECOTOXICITY ASSESSMENT OF BIOCHARS FOCUSING ON THEIR USE AS AMELIORANT FOR SANDY SOILS

Supervisors Molnár Mónika, Feigl Viktória

11:40 César Henrique Freitas Souza

ENVIRONMENTAL MANAGEMENT IN THE WORK OF CHEMICAL ENGINEERS

Supervisor: Harazin Piroška

11:50 Flávia Guimarães Lopes

STUDY OF RECTIFICATION COLUMN IN FLOWSHEETING ENVIRONMENT

Supervisor: Péter Mizsey

12:00 Arthur Barbosa de Lira

DYNAMIC MODELL AND MODELLING OF RECTIFICATION COLUMN

Supervisor: Péter Mizsey

12:10 CLOSING REMARKS