

# **INTERNATIONAL WORKSHOP**

## **ORGANOLEPTICAL AND PHYSICAL-CHEMICAL CHARACTERIZATION OF DIFFERENT TYPES OF FOOD. CHARACTERIZATION OF MATERIALS CURRENTLY USED AS FOOD PACKAGING SYSTEMS**

**23 - 26 October 2017**

**Venue: Conference Hall, Library of Faculty of Sciences**

**Organized by**

**Department of Chemistry and Biology,  
Technical University of Cluj-Napoca,  
North University Center of Baia Mare, Romania**

### **Organising committee:**

Associate prof. dr. Anca Peter

Associate prof. dr. Zoița Berinde

Associate prof. dr. Camelia Nicula

Prof.dr.eng. Anca Mihaly Cozmuța

Associate prof. dr. eng. Leonard Mihaly Cozmuța

# PROGRAM

## Monday 23 October

14:00-19:00 Arrival and registration of participants

19:00-21:00 Welcome Cocktail

## Tuesday 24 October

### Chair: Anca Mihaly Cozmuța

10.00-10.10 – *Opening remarks* - Anca Peter, Department of Chemistry and Biology, Baia Mare, Romania

10.10 - 10.30 - *Preparation of paper based packages* - Catalina Talasman, Ceprohart Braila, Romania

10.30 - 10.50 - *Structural and morphological characterization active packages containing nanostructured materials* - Goran Drazic, National Institute of Chemistry Ljubljana, Slovenia

10.50 - 11.10 - *Organoleptical and chemical changes of food* - Stefania Silvi, University of Camerino, Italy

11.10 - 11.30 – *Coffee break*

### Chair: Anca Peter

11.30 - 11.50 - *Food packaging systems based on polyactic film* - Antonio Penas, Andaltec, Spain

11.50 - 12.10 - *Chemical characterization of food packages* - Anca Mihaly Cozmuta, Department of Chemistry and Biology, Baia Mare, Romania

12.10 - 12.30 - *Optical and structural characterization of food packages* - Camelia Nicula, Department of Chemistry and Biology, Baia Mare, Romania

12.30 - 12.50 - *Physical characterization of food packages* - Leonard Mihaly Cozmuta, Department of Chemistry and Biology, Baia Mare, Romania

12.50 - 15.00 - *Lunch at Student Restaurant of North University Center of Baia Mare*

### Chair: Camelia Nicula

15.00 - 15.30 - *Structural and dimensional properties of food packages*, Catalina Talasman, Ceprohart Braila, Romania

15.30 - 16.00 - *Morphology, structure of the packages (SEM, TEM, HRSTEM STEM-EDXS, STEM-EELS)* - Goran Drazic, National Institute of Chemistry Ljubljana, Slovenia

16.00 - 16.30 - *Barrier properties against fluids and biodegradability and LCA-LCC analysis of the materials used as food packages* - Antonio Penas, Andaltec, Spain

16.30 - 17.00 - *Investigation of the organoleptical, microbiological, physical- chemical changes of cheese and meat deposited* - Stefania Silvi, University of Camerino, Italy

17.00 - 17.15 – Coffee break

**Chair: Leonard Mihaly Cozmuta**

17.15 - 17.30 - *Influence of the type of packaging on the shelf-life of biscuits* - Cristina Mihali, Claudia Butean, Zoita Berinde, Diana Deak, Department of Chemistry and Biology, Baia Mare, Romania

17.30 – 17.45 - *The effect of micronutrient addition and packaging type on the storage stability of white flour*, Pop Flavia, Dumuta Anca, Department of Chemistry and Biology, Baia Mare, Romania

17.45 -18.00 - *Sensory and physico-chemical analysis of alcoholic beverages*- Dippong Thomas, Mihali Cristina, Department of Chemistry and Biology, Baia Mare, Romania

18.00 - 18.15- *Evaluation of nutrional behavior among young people*- Jelea Stela-Gabriela, Jelea Marian, Department of Chemistry and Biology, Baia Mare, Romania

18.15 - 18.30- *Quality characteristics of raw goat milk obtained under ecopedological conditions* - Zorica Vosgan, Mihalescu Lucia, Department of Chemistry and Biology, Baia Mare, Romania

18.30 - 18.45- *Studies in vitro multiplication possibilities of exotic plant food* - Monica Marian, Oana Mare-Rosca, Department of Chemistry and Biology, Baia Mare, Romania

18.45 -19.00 -*Closing remarks* - Anca Peter, Department of Chemistry and Biology, Baia Mare, Romania

19.00 – Gala dinner in the old city of Baia Mare

**Wednesday 25 October**

9.30 - Excursion in the Old Maramures County

Rute: Merry Cemetery Sapanta, The Memorial of the Victims of Communism and of the Resistance - Sighetu Marmatiei, Barsana monastery

Dinner - Hanul Teilor Restaurant, Danesti, Maramures

**Thursday 26 October**

Departure