



**September 26 - 29, 2013**  
**SIBIU, ROMANIA**

## PROGRAMME

### Thursday, 26 September

19.00	- 21.00	Welcome cocktail	Pensiunea Belaşcu
-------	---------	------------------	-------------------

### Friday, 27 September

8.00	- 10.00	Registration	Aula Magna ULBS
10.00	- 11.00	Official opening	Aula Magna ULBS
11.00	- 13.00	Plenary session	Aula Magna ULBS
13.00	- 14.00	Lunch break	Lobby Faculty of Medicine, ULBS
14.00	- 15.00	Poster session	Lobby Faculty of Medicine, ULBS
15.00	- 17.00	First presentations section	Aula Magna ULBS
17.00	- 17.15	Coffee break	Lobby Faculty of Medicine, ULBS
17.15	- 18.30	Second presentations section	Aula Magna ULBS
19.00	- 23.00	Conference dinner	Pensiunea Belaşcu

### Saturday, 28 September

9.00	- 12.00	Workshop Nutrilab	Faculty SAIAPM
12.00	- 13.00	Lunch break	Pensiunea Belaşcu

Friday, 27 September

**Plenary session**

Aula Magna ULBS

Moderators: Dumitru ȚUCU, Ovidiu TIȚA

**Possibilities of influencing the results on performance and health of calves with biopolym preparat**

Bohuslav ČERMÁK, Jana HNISOVÁ, Eva PETRÁŠKOVÁ, Miloslav ŠOCH, Bohuslav VOSTOUPAL, Dumitru TUCU<sup>2</sup>

*Department of Special Livestock Breeding, Faculty of Agriculture, South Bohemian University, České Budějovice, Czech Republic.*

<sup>2</sup>*Politehnica University of Timisoara, Romania*

**Nutritional and health claims - concerns and challenges**

Adriana BIRCA

*Technical University of Moldova, Chisinau, Republic of Moldova*

**"Sous-vide" processing of food - new research issues and trends**

Evgeniy POPOV

*Voronezh State University of Engineering Technologies, Voronezh, Russia*

**Measuring the body surface temperature of animals using a thermographic camera**

Kateřina ŠVEJDOVÁ, Miloslav ŠOCH, Anna ŠIMKOVÁ, Luboš ZÁBRANSKÝ, Pavel NOVÁK, Jan BROUČEK, Bohuslav ČERMÁK, Václav PÁLKA, Kristýna ŠIMÁK-LÍBALOVÁ

*University of South Bohemia, Faculty of Agriculture, Department of Veterinary Sciences and Quality Products*

**Bioenergy sector in Romania – status & prospectus**

Dumitru ȚUCU

*"Politehnica" University of Timisoara, Mechanical Engineering Faculty, Department for Mechanical Machines, Equipment and Transportation*

**The label - integration element of duality production-consumption for agro-foods products**

Dumitru MNERIE

*Politehnica University of Timisoara, Faculty of Mechanical Engineering, Timisoara, Romania*

**Innovative solutions for the meat industry. "Dry express salami"**

Oana PIPER, Doru PĂUN

*Supremia Group, Romania*

**Effect of the new technology of cattle housing waterbeds on comfort, health and milk production**

Anna ŠIMKOVÁ, Miloslav ŠOCH, Kateřina ŠVEJDOVÁ, Luboš ZÁBRANSKÝ, Kristýna ŠIMÁK-LÍBALOVÁ, Václav PÁLKA, Bohuslav ČERMÁK

*University of South Bohemia in the Czech Budejovice, Faculty of Agriculture, Department of Veterinary Sciences and Product Quality, České Budějovice, Czech Republic*

*Animal Production Research Centre Nitra, Slovak Republic*

**Experimental research on the effects of the lyophilization process of food on the environment**

Gabriela Victoria MNERIE<sup>1</sup>, Remus BOBOESCU<sup>1</sup>, Alin Vasile MNERIE<sup>1</sup>, Bohuslav ČERMÁK<sup>2</sup>, Dumitru MNERIE<sup>3</sup>

<sup>1</sup>*IOAN SLAVICI University Timisoara, Romania,*

<sup>2</sup>*University of South Bohemia in the Czech Budejovice, Faculty of Agriculture, Department of Genetic, breeding and animal nutrition, 370 05, Studentská 13, České Budějovice, Czech Republic,*

<sup>3</sup>*POLITEHNICA University of Timisoara, Faculty of Mechanical Engineering, Timisoara, Romania*

**Sessions**

Aula Magna ULBS

Moderators: Bohuslav ČERMÁK, Dumitru MNERIE, Mihaela TIȚA

**Effects of flaxseed supplementation to lactating goats on milk fatty acid content**

Miroslava INGVORTOVÁ<sup>1</sup>, Bohuslav ČERMÁK<sup>1</sup>, Kamila PEJCHOVÁ<sup>1</sup>, Eva PETRÁŠKOVÁ<sup>1</sup>, Miloslav ŠOCH<sup>1</sup>, Luboš ZÁBRANSKÝ<sup>1</sup>, Anna ŠIMKOVÁ<sup>1</sup>, Kateřina ŠVEJDOVÁ<sup>1</sup>, Dumitru MNERIE<sup>2</sup>

<sup>1</sup>*University of South Bohemia in the Czech Budejovice, Faculty of Agriculture, Department of Genetic, breeding and animal nutrition, České Budějovice, Czech Republic*

<sup>2</sup>*Politehnica university of Timisoara, Timisoara, Romania*

**Heat-mass transfer in bread baking process**

Volodymyr TELYCHKUN, Evgeny SHTEFAN, Yuliya TELYCHKUN, Desyk MYKOLA  
*National University of Food Technologies, Kyiv, Ukraine*

**Inactivation of *Saccharomyces cerevisiae* with ultraviolet light. A review**

Maria TURTOI  
*Faculty of Food Science and Engineering, Dunarea de Jos University of Galati*

**Control and command of starch hidrolisis process by using an expert system**

Ion Dan MIRONESCU, Monica MIRONESCU  
*Faculty of Agricultural Sciences, Food Engineering and Environmental Protection, University "Lucian Blaga" of Sibiu, Romania*

**Thermo Scientific High Performance Spectrometers for Foodservice Industry and Environmental Protection**

Dan BULIK  
*BERD TRADING S.R.L, Romania*

**Climate change impact on food security**

Simona SPÂNU  
*"Lucian Blaga" University, Sibiu, Faculty of Agricultural Sciences, Food Industry and Environmental Protection*

**Novaintermmed integrated solutions for agri-food industry**

Ramona VIA BARBU  
*SC NOVAINTERMED SRL, Romania*

**Sorption properties of some Romanian gingerbread**

Anca TULBURE<sup>1,\*</sup>, Mihai OGNEAN<sup>2</sup>, Claudia-Felicia OGNEAN<sup>2</sup> Ioan DANCIU<sup>2</sup>  
<sup>1</sup>Extra Sib SA, Alba Iulia Av., 70<sup>th</sup>, Sibiu, Romania  
<sup>2</sup>Faculty of Agricultural Sciences, Food Industry and Environmental Protection, "Lucian Blaga" University, Sibiu, Romania

**Compliance with just "one click"**

Mircea CIOCIANU  
*SC OF SYSTEMS SRL, Romania*

**Researches regarding the grinding degree related to the middlings yield, in the wheat grain breaking process**

Cristina DANCIU\*, Ioan DANCIU  
*Lucian Blaga University of Sibiu, Faculty of Agricultural Sciences, Food Industry and Environmental Protection, Sibiu, ROMANIA*

**Thermo Fisher Scientific Turn Key Solutions for Origin, Authenticity and Adulteration of Food and Beverages**

Ileana VAJIALA  
*SC PRO ANALYSIS SYSTEMS SRL, Romania*

**Usage of expert systems for cost-benefit analysis in agricultural investments**

Titus SLAVICI<sup>1</sup>, Adriana BEBESELEA<sup>2</sup>, Alin Vasile MNERIE<sup>2</sup>, Simina MARIS<sup>2</sup>, Mircea UNTARU<sup>2</sup>  
<sup>1</sup>POLITEHNICA University of Timisoara, Faculty of Mechanical Engineering, Timisoara, Romania  
<sup>2</sup>„Ioan Slavici” University, Timisoara, ROMANIA

**Studying the ways of harmonization of laws in Ukraine on food labeling with european legislation**

Valerii SUKMANOV<sup>1</sup>, Juliya PETROVA<sup>2</sup>, Valentina MALYGINA<sup>3</sup>, Aleksandr PITSHUGIN<sup>4</sup>, Adriana BIRCA<sup>5</sup>,  
Kristya DMITRY<sup>6</sup>  
<sup>1-3,6</sup> Donetsk National University of Economics, Donetsk, Ukraine  
<sup>4</sup> State Enterprise "Ukrmetteststandart"  
<sup>5</sup> University "George Barițiu", Brasov, Romania

## Posters

Lobby Faculty of Medicine, ULBS

Moderators: Adriana BÎRCĂ, Cecilia GEORGESCU, Monica MIRONESCU

### Enzymatic proteolysis in technology of gerodietetic food products based on meat

Lyudmyla PESHUK, Oleg HALENKO

National University of Food Technologies, Kyiv, Ukraine

### The influence function sous-vide treatment on the form of moisture in large-vegetable meat systems

<sup>1</sup>N.S. RODIONOVA, <sup>2</sup>Adriana BIRCA, <sup>3</sup>Liviu GACEU, <sup>1</sup>T.I. BAKHTINA

<sup>1</sup> Dept. of Service technologies, Voronezh State University of Engineering Technologies, Voronezh, Russia

<sup>2</sup> "George Barițiu" University, Braşov, Romania

<sup>3</sup> Transilvania University of Braşov, Romania

### Innovative approach to the development of food chelator properties

Ludmila GLAGOLEVA

Voronezh State University of Engineering Technologies, Voronezh, Russia

### Artificial intelligence tools used to forecast economic development of small agricultural companies

Titus SLAVICI<sup>1</sup>, Mircea BOTA<sup>2</sup>, Dorel ANDRAS<sup>2</sup>, Adriana BADESCU<sup>2</sup>, Simina MARIS<sup>2</sup>, Viorica BĂEŞU<sup>1</sup>

<sup>1</sup> POLITEHNICA University of Timisoara, Faculty of Mechanical Engineering, Timisoara, Romania

<sup>2</sup> „Ioan Slavici” University, Timisoara, ROMANIA

### Optimization of an artificial intelligence tool used to forecast economic development in agribusiness

Adriana BADESCU<sup>1</sup>, Mircea BOTA<sup>1</sup>, Titus SLAVICI<sup>2</sup>, Simina MARIS<sup>1</sup>, Adriana SLAVICI<sup>1</sup>

<sup>1</sup> „Ioan Slavici” University, Timisoara, ROMANIA

<sup>2</sup> POLITEHNICA University of Timisoara, Faculty of Mechanical Engineering, Timisoara, Romania

### Cost-benefit analysis for agribusiness

Mircea BOTA<sup>1</sup>, Simina MARIS<sup>1</sup>, Titus SLAVICI<sup>2</sup>, Dorel ANDRAS<sup>1</sup>, Doina DARVASI

<sup>1</sup> „Ioan Slavici” University, Timisoara, ROMANIA

<sup>2</sup> POLITEHNICA University of Timisoara, Faculty of Mechanical Engineering, Timisoara, Romania

### The analysis of the main economic and financial indicators by application of an efficient management in a company of agricultural products

Doina DARVASI, Adriana BEBEŞELEA, Mircea UNTARU

Faculty of Economic Sciences, „Ioan Slavici” University, Timisoara, ROMANIA

### Cost-benefit analysis for projects regarding willow energetic plants

Titus SLAVICI, Mircea BOTA, Adriana BĂDESCU, Dorel ANDRAS, Viorica BĂEŞU

Faculty of Economic Sciences, „Ioan Slavici” University, Timisoara, Romania

### Aspects regarding the economic analysis of electrochemical degradation of 2,4-dinitrophenol from wastewaters for a potential use in agriculture in order to protect the environment

Adriana BEBEŞELEA<sup>1</sup>, Gabriela Victoria MNERIE<sup>2</sup>

<sup>1</sup> Faculty of Economic Sciences, „Ioan Slavici” University, Timisoara, ROMANIA

<sup>2</sup> Faculty of Engineering, „Ioan Slavici” University, Timisoara, ROMANIA

### Life cycle cost analysis for planting technology in willow culture

Dumitru ȚUCU, Marcel OLAR

“POLITEHNICA” University of Timisoara, Mechanical Engineering Faculty, Department for Mechanical Machines, Equipment and Transportation, Timisoara, Romania

### Microbiological studies of bread kvass obtained by tangential-flow microfiltration

<sup>1</sup>I.T. KRETOV, <sup>1</sup>E.S. POPOV, <sup>1</sup>A.I. POTAPOV, <sup>1</sup>D.S. POPOV

Voronezh State University of Engineering Technologies, Voronezh, Russia

### Investigation of the effect of heat treatment on the low-temperature dehydration of the tissues of fish pond

N.S. RODIONOVA, E.S. POPOV, R.O. GONCHAROV, N.A. HOLEVA

Voronezh State University of Engineering Technologies, Voronezh, Russia

### Development of the structure of intellectual automatic control system

G.V. ABRAMOV, I.V. ZHELTOUKHOV

Voronezh State University of Engineering Technologies, Voronezh, Russia



### **Determination of the antioxidant activity of peaches, persimmons, pears and pumpkins**

A.N. OSTRIKOV, E.U. ZHELTOUKHOVA

*Voronezh State University of Engineering Technologies, Voronezh, Russia*

### **Fundamentals merchandizing to study the influence conditions and terms feed**

O.N. OZHERELEVA

*Voronezh State University of Engineering Technologies, Voronezh, Russia*

### **Inactivation of *Saccharomyces cerevisiae* with ultraviolet light. A review**

Maria TURTOI

*Faculty of Food Science and Engineering, Dunarea de Jos University of Galati, Romania*

### **Enzymatic hydrolysis kinetic analysis of the various source proteins**

Aleksey VINNOV, Dmitro PRASOL

*National University Of Life And Environmental Sciences of Ukraine, Kyiv*

### **Possibilities of the use of electrolyzed water in poultry breeding**

Dana JIROTKOVÁ<sup>1</sup>, Miloslav ŠOCH<sup>1</sup>, Naděžda KERNEROVÁ<sup>2</sup>, Václav PÁLKA<sup>1</sup>, Luboš ZÁBRANSKÝ<sup>1</sup>, Iveta MAREŠOVÁ<sup>1</sup>

<sup>1</sup>*University of South Bohemia in the Czech Budejovice, Faculty of Agriculture, Department of Veterinary Sciences and Product Quality, České Budějovice, Czech Republic*

<sup>2</sup>*Department of Animal Husbandry, Faculty of Agriculture, University of South Bohemia, České Budějovice, Czech Republic*

### **Evaluation microclimate in the stable national stud farm in Kladruhy nad Labem**

Jan KALÍŠEK<sup>1,2</sup>, Ivana KNÍŽKOVÁ<sup>1</sup>, Pavel ONDR<sup>2</sup>, Miloslav ŠOCH<sup>2</sup>

<sup>1</sup>*Research Institute of Animal Production, vvi, Praha - Uhřetěves*

<sup>2</sup>*University of South Bohemia in České Budějovice*

### **Influence of different housing systems on the welfare of calves**

Václav PÁLKA, Miloslav ŠOCH, Luboš ZÁBRANSKÝ, Kateřina ŠVEJDOVÁ, Anna ŠIMKOVÁ, Zdeněk PEKSA, Hana DUŠOVÁ

<sup>1</sup>*University of South Bohemia in the Czech Budejovice, Faculty of Agriculture, Department of Veterinary Sciences and Product Quality, České Budějovice, Czech Republic*

### **The influence of parasitic infection on the blood count of the extensively reared sheep**

Kristýna ŠIMÁK-LÍBALOVÁ, Miloslav ŠOCH, Anna ŠIMKOVÁ, Kateřina ŠVEJDOVÁ, Václav PÁLKA, Luboš ZÁBRANSKÝ

*University of South Bohemia in the Czech Budejovice, Faculty of Agriculture, Department of Veterinary Sciences and Product Quality, České Budějovice, Czech Republic*

### **The usage of information technology for evaluation of animal welfare**

Luboš SMUTNÝ, Šárka SMUTNÁ, Jana KINDLOVÁ, Miloslav ŠOCH, Václav ŠKEŘÍK

*University of South Bohemia in the Czech Budejovice, Faculty of Agriculture, Department of Veterinary Sciences and Product Quality České Budějovice, Czech Republic*

### **Assessment of the Impact of Automatic Milking on the Selected Parameters of Dairy Cows Welfare**

Miloslav ŠOCH<sup>1</sup>, Otakar FIALA<sup>1</sup>, Jana ŠTASTNÁ<sup>1</sup>, Jan BROUČEK<sup>2</sup>, Petr TEJML<sup>1</sup>, Luboš SMUTNÝ<sup>1</sup>, Šárka SMUTNÁ<sup>1</sup>, Bohuslav ČERMÁK<sup>1</sup>, Luboš ZÁBRANSKÝ<sup>1</sup>, Anna ŠIMKOVÁ<sup>1</sup>, Kateřina ŠVEJDOVÁ<sup>1</sup>, Marcela RAABOVÁ<sup>1</sup>, Václav PÁLKA<sup>1</sup>

<sup>1</sup>*University of South Bohemia in the Czech Budejovice, Faculty of Agriculture, Department of Veterinary Sciences and Product Quality, České Budějovice, Czech Republic*

<sup>2</sup>*Animal Production Research Centre Nitra, Slovak Republic*

### **Utilization possibilities of prebiotics and probiotics in prevention and health care of calves**

Luboš ZÁBRANSKÝ<sup>1</sup>, Miloslav ŠOCH<sup>1</sup>, Pavel NOVÁK<sup>1</sup>, Jan BROUČEK<sup>2</sup>, Anna ŠIMKOVÁ<sup>1</sup>, Kateřina ŠVEJDOVÁ<sup>1</sup>, Bohuslav ČERMÁK<sup>1</sup>, Dana JIROTKOVÁ<sup>1</sup>, Václav PÁLKA<sup>1</sup>

<sup>1</sup>*University of South Bohemia in the Czech Budejovice, Faculty of Agriculture, Department of Veterinary Sciences and Product Quality, České Budějovice, Czech Republic*

<sup>2</sup>*Animal Production Research Centre Nitra, Slovak Republic*

### **Factors affecting the performances of biomass anaerobic digestion process**

Adrian Eugen CIOABLĂ<sup>1</sup>, Gabriela-Alina DUMITREL<sup>2</sup>, Dumitru TUCU<sup>1</sup>, Ioana IONEL<sup>1</sup>

<sup>1</sup>*POLITEHNICA University of Timisoara, Faculty of Mechanical Engineering, Timisoara, Romania*

<sup>2</sup>*POLITEHNICA University of Timisoara, Faculty of Industrial Chemistry and Environmental Engineering, Timisoara, Romania*

### **Aspects of environmental management and impact factors in the micro food factory at the C.T.I.A. "Terezianum" Sibiu**

Ion Laurentiu BUTOI

*Terezianum Technical College of Food Industry Sibiu*

### **Modeling of cutting process of food products**

Oleksii GUBENIA, Victor GOOTS

*National University of Food Technologies, Kyiv, Ukraine*

### **Development of integrative thinking of students in higher education for labwork. Case study: determining the alcoholic concentration of some fermented cereal-based products**

Mariana-Liliana PĂCALĂ<sup>1</sup>, Lidia FAVIER<sup>2</sup>, Lucica BRUDIU<sup>3</sup>, Mihaela BEGEA<sup>4</sup>

<sup>1</sup> Lucian Blaga University of Sibiu, Department of Agricultural Science and Food Industry, Sibiu, Romania

<sup>2</sup> Ecole Nationale Supérieure de Chimie de Rennes, CNRS, Université Européenne de Bretagne, Rennes Cedex 7, France

<sup>3</sup> S.C. VIO-MARPREST S.R.L., Department of Quality Management, Constanta, Romania.

<sup>4</sup> I.C.A. Research & Development, University Politehnica of Bucharest, Faculty of Bio-Technical Systems Engineering, Bucharest, Romania.

### **Comparative analysis of the classification systems efficiency for food products used in the present at international level and also in our country**

Daniela SIMTION<sup>1</sup>, Roxana LUCA

<sup>1</sup> Faculty for Agricultural Sciences, Food Industry and Environmental Protection,

"Lucian Blaga" University, Sibiu

### **Considerations about aerobic and anaerobic treatment of the waste water from meat industry**

Mihaela NISTORAN BOTIȘ

Mechanical Faculty, University "Politehnica" from Timișoara

### **Presentation of Gouda cheese manufacturing technology in the romanian technologies**

Alexandra MAJDIK

Univ. L. Blaga of Sibiu, Faculty of Agricultural Sciences, Food Industry and Environmental Protection, Sibiu

### **Heat-mass transfer in bread baking process**

Volodymyr TELYCHKUN, Evgeny SHTEFAN, Yuliya TELYCHKUN, Desyk MYKOLA

National University of Food Technologies, Kyiv, Ukraine

### **Perfection of equipment for improvement of rusk wares**

Yuliya TELYCHKUN, Volodimir TELYCHKUN, Oleksandr KRAVCHENKO

National University of Food Technologies, Kyiv, Ukraine

### **The design and management of processes in the manufacture of milk-based products in the micro factory "Terezianum"**

Simona Liana BUTOI

Terezianum Technical College of Food Industry Sibiu

### **Effect of biologically active substances formed by *Bacillus coagulans* TI on the growth of crops**

Tatiana LISITSKAYA, Tatiana TROSHEVA

St.Petersburg State Technological Institute (technical univ), St.-Petersburg, Russia

### **The study of the baking ovens by computer simulation**

Igor LITOVCHENKO

National University of Food Technologies, Kiev, Ukraine

### **Variation in vitamin C content of different varieties of Sea Buckthorn (*H. Rhamnoides* ssp. *Carpathian*) from spontaneous flora of Romania**

Anca TIFREA<sup>1\*</sup>, Ovidiu TIȚA<sup>1</sup>, Mihaela Adriana TIȚA<sup>1</sup>, Endre MÁTHÉ<sup>2</sup>, Otto KETNEY<sup>1</sup>

<sup>1</sup> "Lucian Blaga" University of Sibiu, Faculty of Agricultural Sciences, Food Industry and Environmental Protection, Sibiu, Romania

<sup>2</sup> Genetics and Molecular Biology Research Group, Institute of Biology and Environmental Sciences, University College of Nyiregyhaza, Hungary

### **Research regarding aluminium eloxation from phosphoric acid electrolyte**

Carmen Monica CRETU

"Lucian Blaga" University of Sibiu, Faculty of Agricultural Sciences, Food Industries and Environmental Protection, Sibiu, Romania

### **Physical chemical characterization of wines produced from Feteasca Regala and Riesling Italian processing by four different technological**

Dan MUTU<sup>1</sup>, Diana STEGĂRUȘ<sup>1</sup>, Ecaterina LENGYEL<sup>2</sup>, Adina FRUM<sup>1</sup>, Ovidiu TIȚA<sup>2</sup>

<sup>1</sup> "Lucian Blaga" University of Sibiu, Doctoral School

<sup>2</sup> "Lucian Blaga" University of Sibiu, Faculty of Agricultural Sciences, Food Industry and Environmental Protection, Sibiu, Romania

### **Optimizing the operation of maceration to obtain quality white wines**

Diana STEGĂRUȘ<sup>1</sup>, Ecaterina LENGYEL<sup>2</sup>, Daniela ȘANDRU<sup>1</sup>, Dan MUTU<sup>1</sup>, Ramona IANCU<sup>2</sup>, Ovidiu TIȚA<sup>2</sup>

<sup>1</sup> "Lucian Blaga" University of Sibiu, Doctoral School

<sup>2</sup> "Lucian Blaga" University of Sibiu, Faculty of Agricultural Sciences, Food Industry and Environmental Protection, Sibiu, Romania

**The chromatographic detection of the rutin in the aromatic and semi aromatic autochthonous musts variety**

Ecaterina LENGYEL<sup>1</sup>, Letiția OPREAN<sup>1</sup>, Diana STEGĂRUȘ<sup>2</sup>, Ramona IANCU<sup>1</sup>, Daniela ȘANDRU<sup>2</sup>, Ovidiu TIȚA<sup>1</sup>

<sup>1</sup> "Lucian Blaga" University of Sibiu, Faculty of Agricultural Sciences, Food Industry and Environmental Protection, Sibiu, Romania

<sup>2</sup> "Lucian Blaga" University of Sibiu, Doctoral School

**Researches on physico-chemical and microbiological characteristics of sheep and cow milk from Cristian farm, Romania**

Ionuț Radu POPA<sup>1</sup>, Mihaela TIȚA<sup>3</sup>, Letiția OPREAN<sup>3</sup>, Ramona IANCU<sup>3</sup>, Ecaterina LENGYEL<sup>3</sup>, Adina FRUM<sup>2</sup>

<sup>1</sup> Research Institute of Montanology Cristian – Sibiu

<sup>2</sup> "Lucian Blaga" University of Sibiu, Doctoral School

<sup>3</sup> "Lucian Blaga" University of Sibiu, Faculty of Agricultural Sciences, Food Industry and Environmental Protection, Sibiu, Romania

**Studies and researches concerning the possibility of using Hydrogen in turbo engines**

Mariana DUMITRU

Lucian Blaga University of Sibiu, Romania

**Study concerning the possibility of the storage of Hydrogen as fuel in vehicles**

Mariana DUMITRU

Lucian Blaga University of Sibiu, Romania

**Use of industrial wastewater as substrate for probiotics**

Monica MIRONESCU, Cecilia GEORGESCU, Ion Dan MIRONESCU

Faculty of Agricultural Sciences, Food Engineering and Environmental Protection, University "Lucian Blaga" of Sibiu, Romania

**Fruit surface tension estimation from contact angles measurements**

Ciprian CAPATANA

Faculty of Agricultural Sciences, Food Engineering and Environmental Protection, University "Lucian Blaga" of Sibiu, Romania

**Measurements of fruit surface wettability to determine possibilities of washing, dipping and coating**

Ciprian CAPATANA

Faculty of Agricultural Sciences, Food Engineering and Environmental Protection, University "Lucian Blaga" of Sibiu, Romania

**Common biopolymeric blends with applications in food packaging: A review**

Daniela GABOR (NAIARETTI), Ovidiu TIȚA

Faculty of Agricultural Sciences, Food Engineering and Environmental Protection, University "Lucian Blaga" of Sibiu, Romania

**Spa salted water decontamination by unconventional methods**

Victor NEDERITA, Letitia OPREAN, Rodica CIUDIN

Lucian Blaga University of Sibiu, Romania

**The role of transportation in the agrifood technological processes**

Mihaiela HERMAN, Richard HERMAN

"Politehnica" University of Timisoara

**Quality assurance in beer production from a microbiological point of view**

Richard HERMAN, Mihaiela HERMAN

„Politehnica” University of Timișoara

**Concentration of the whey by membrane distillation**

YU. ZMIYEVSKIY<sup>1</sup>, V. MYRONCHUK<sup>1</sup>, A.F. TOTOREAN<sup>2</sup>

<sup>1</sup>National University of Food Technologies, 01601, Vladimirskaya St., 68, Kyiv, Ukraine,

<sup>2</sup>University "Ioan Slavici", Timisoara, Romania



**Saturday, 28 September**

**Workshop Nutrilab**

Faculty SAIAPM

Moderators: Gabriela Victoria MNERIE, Adriana BÎRCĂ

**The analyze of the influence factors on food labeling**

Dumitru ȚUCU<sup>1\*</sup>, Gabriel MALAIMARE<sup>1</sup>, Bohuslav CERMAK<sup>2</sup>

<sup>1</sup>"POLITEHNICA" University of Timisoara, Mechanical Engineering Faculty, Department for Mechanical Machines, Equipment and Transportation, Timisoara, Romania,

<sup>2</sup>"SOUTH BOHEMIA" University, Ceske Budejovice, Faculty of Agriculture

**Milk and dairy products labeling in Romania**

Cecilia GEORGESCU \*, Claudia Felicia OGNEAN, Ovidiu TITA

Faculty of Agricultural Sciences, Food Industry and Environmental Protection, "Lucian Blaga" University, Sibiu, Romania

**The nutritional labeling of the dairy products in Romania, tendencies and perspectives**

Ramona Maria IANCU \*, Mihai OGNEAN, Mihaela-Adriana TITA

The Faculty of Agricultural Sciences, Food Industry and Environmental Protection, "Lucian Blaga" University, Sibiu, Romania

**Comparison study between romanian and ukrainian labeling of food products. Social, nutritional and medical considerations**

Alin-Florin TOTOREAN<sup>1</sup>, Vlad-Florin VINATU<sup>1</sup>, Oleksii GUBENIA<sup>2</sup>, Andreea NICOARA<sup>3</sup>, Alin Vasile MNERIE<sup>1</sup>

<sup>1</sup>University "Ioan Slavici" Timisoara, Romania

<sup>2</sup>National University of Food Technologies, Kiev, Ukraine

<sup>3</sup>University "Politehnica" of Timisoara, Romania

**Educational management in support of the nutritional knowledge development**

Viorica BĂEȘU, Dumitru MNERIE

POLITEHNICA University of Timisoara, Faculty of Mechanical Engineering, Timisoara, Romania

**Technologies of novel functional foodstuffs for children with high nutritional value and attractive sensory characteristics**

Adriana BÎRCĂ<sup>1</sup>, Natalia RODIONOVA<sup>2</sup>

<sup>1</sup>University „George Baritiu” from Brasov, Romania,

<sup>2</sup>Voronezh State University of Engineering Technologies, Voronezh, Russia

**Compliance with labeling legislation of the Republic of Moldova in the field of confectionery products**

Cristina POPOVICI<sup>1\*</sup>, Nina MIJA<sup>1</sup>, Adriana BIRCA<sup>1</sup>, Iulia IATCO<sup>2</sup>

<sup>1</sup>Technical University of Moldova, Faculty of Technology and Management in Food Industry, Chisinau, Republic of Moldova,

<sup>2</sup>Institute of Microbiology and Biotechnology, Academy of Science of Moldova, Chisinau, Republic of Moldova

**The bases of harmonization of regulations on food production and labeling in the customs union within the eurasian economic community**

Mark SHAMTSYAN

St. Petersburg State Institute of Technology (Technical University), Russia

## **INTERNATIONAL SCIENTIFIC COMMITTEE**

Adriana BARCA, UTM, Chisinau, R.Moldavia  
Mate BILIC, JJSU, Osijek, Croatia  
Ioan BONDREA, ULB, Sibiu, Romania  
Bohuslav CERMAK, JU, Ceske Budejovice, Czech Republic  
Dumitru COTLET, UIS, Timișoara, Romania  
Zoltán DINYA, University College of Nyíregyháza, Hungary  
Richard HERMAN, UPT, Timișoara, Romania  
Vergil GANGU, ASAS, Bucuresti, Romania  
Gabor GECZI, SZIU, Godollo, Hungary  
Claudiu KIFOR, ULB, Sibiu, Romania  
Tajana KRICKA, University of Zagreb, Croatia  
Milena MANDIC, JJSU, Osijek, Croatia  
Endre MÁTHÉ, University College of Nyíregyháza, Hungary  
Dumitru MNERIE, UPT, Timișoara, Romania  
Mihai NICOLESCU, ASAS, Bucuresti, Romania  
Constantin OPREAN, ULB, Sibiu, Romania  
Gábor PÁY, University College of Nyíregyháza, Hungary  
Iulia PETROVA, Donetsk, Ucraina  
Ion PIRNA, ASAS, Bucuresti, Romania  
Francesco ROSSI, U Perugia, Italy  
Vasile ROTĂRESCU, UIS, Timisoara, Romania  
Gerhard SCHLEINING, ISEKI-Food Association, Wien, Austria  
Marijan SERUGA, JJSU, Osijek, Croatia  
László SIKOLYA, University College of Nyiregyhaza, Hungary  
László SIMON, University College of Nyíregyháza, Hungary  
Milosav SOCH, JU, Ceske Budejovice, Czech Republic  
Titus SLAVICI, UPT, Timișoara, Romania  
Stefan STEFANOV, Plovdiv, Bulgaria  
Ovidiu TIȚA, ULB, Sibiu, Romania  
Dumitru ȚUCU, UPT, Timișoara, Romania  
Gheorghe VOICU, UPB, Bucuresti, Romania

## **GENERAL ORGANIZING COMMITTEE**

Dumitru ȚUCU, UPT, Timișoara – Conference Chairman  
Ovidiu TIȚA, Dean, ULB, Sibiu, Romania– Conference Co- Chairman  
Mihaela TIȚĂ - Chairman section 1  
Dumitru MNERIE, UPT, Timisoara – Chairman section 2  
Titus SLAVICI, UIS, Timișoara – Chairman section 3  
Vasile ROTARESCU, UIS, Timisoara, Romania  
Mihaela TIȚA, ULBS, Sibiu  
Mariana PĂCALĂ, ULBS, Sibiu  
Gabriela MNERIE, UIS, Timișoara, Romania  
Alin Vasile MNERIE, UIS, Timișoara, Romania  
Mircea Dorin VASILESCU, UPT, Timișoara, Romania

**ORGANIZING COMMITTEE**  
**AT THE FACULTY OF AGRICULTURAL SCIENCES, FOOD INDUSTRY AND**  
**ENVIRONMENTAL PROTECTION, ULBS**  
(in alphabetical order)

Lect. Dr. Ing. Ciprian CĂPĂȚĂNĂ

Ing. Ion CÂRSTEA

Lect. Dr. Ing. Cristina DANCIU

Lect. Dr. Ing. Olga DRĂGHICI

Lect. Dr. Cecilia GEORGESCU

Lect. Dr. Ing. Ramona IANCU

Lect. Dr. Ing. Otto KETNEY

PhD. Ing. Ecaterina LENGYEL

Lect. Dr. Ing. Ion Dan MIRONESCU

Lect. Dr. Ing. Monica MIRONESCU

PhD. Daniela NAIARETTI

Assoc Prof. Dr. Simona OANCEA

Lect. Dr. Ing. Claudia Felicia OGNEAN

Lect. Dr. Ing. Mihai OGNEAN

Lect. Dr. Ing. Mariana PĂCALĂ

Assoc Prof. Dr. Ing. Mihaela TIȚA

Prof. Dr. Ing. Ovidiu TIȚA

Lect. Dr. Ing. Mihai VĂDUVA

## SPONSORS



Berd Trading S.R.L.  
Authorized Distributor  
Thermo Fisher Scientific  
<http://www.berd.ro/>

S.C. PRO ANALYSIS  
SYSTEMS S.R.L.  
<http://www.proanalysis.ro/>  
S.C. NOVAINTERMED S.R.L.  
<http://www.novaintermmed.ro/>



S.C. PINTICARN PROD  
S.R.L. - „LA MESENI”  
loc. Sebeșel jud. Sibiu,  
[www.lameseni.ro](http://www.lameseni.ro)



S.C. SIMPA SA Sibiu,  
[www.simpasibiu.ro](http://www.simpasibiu.ro)



„SUN COOKIES” – S.C.  
CREDO DALI S.R.L.  
Sibiu , [www.suncookies.ro](http://www.suncookies.ro)



SC ASI NATURE SIBIU,  
[www.asinature.ro](http://www.asinature.ro)



S.C. Biomilk SRL,  
[www.biomilk.ro](http://www.biomilk.ro)



S.C. Scandia Food SRL,  
[www.scandia.ro](http://www.scandia.ro)



S.C. Boromir.SA,  
[www.boromir.ro](http://www.boromir.ro)



S.C. Diana SRL  
[www.diana.com](http://www.diana.com)



S.C. Jidvei.SA, [www.jidvei.ro](http://www.jidvei.ro)



S.C. Annabella Fabrica de  
conserve Raureni SRL  
[www.raureni.ro](http://www.raureni.ro)



S.C. Supremia Grup SRL,  
[www.supremia.ro](http://www.supremia.ro)



domeniile  
boieru

S.C.Domeniile boieru SRL,  
[www.domeniileboieru.ro](http://www.domeniileboieru.ro)



SC GREWE S.R.L  
VEȘTEM, SIBIU  
<http://www.grewe.ro/>



S.C. OF SYSTEMS S.R.L.  
<http://www.ofsystems.ro/>  
S.C. MIND ENGINEERING  
S.R.L.  
S.C. RONEXPRIM S.R.L.  
<http://www.ronexprim.com/>