



International Conference
on Advanced Production and Processing

**1st International Conference
on Advanced Production and Processing
10th-11th October 2019
Novi Sad, Serbia**

CONFERENCE CHAIRMAN

Prof. Biljana Pajin,
 Dean of the Faculty of Technology Novi Sad

HONORARY COMMITTEE

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- Professor Miroslav Vesković, EC DG Joint Research Centre, Belgium and University of Novi Sad, Serbia.
- Professor Zoran Petrović, Emeritus Professor at Kansas Polymer Research Center, Pittsburg State University, USA.
- Professor Radmila Marinković Nedučin, Emeritus Professor at University of Novi Sad, Serbia.
- Professor Marijana Carić, Emeritus Professor at University of Novi Sad, Serbia.

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- Prof. Olga Govedarica
- Prof. Strahinja Kovačević
- Zdravko Šumić, Assistant with Ph.D.
- Sanja Panić, Research Associate
- Ivana Lončarević, Research Associate
- Jelena Vladić, Research Associate
- Predrag Kojić, Research Associate
- Nataša Nastić, Research Assistant
- Olja Šovljanski, Research Trainee



SCIENTIFIC COMMITTEE

- Prof. Vladimir Srdić, Faculty of Technology Novi Sad, University of Novi Sad, Serbia
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- Prof. Viktor Nedović, Faculty of Agriculture, University of Belgrade, Serbia
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- Luisa Gouveia, Senior Research Associate, National Laboratory for the Energy and Geology, Portugal
- Prof. Víctor Cerdà, Department of Chemistry, University of Balearic Islands, Spain
- Prof. Rita Ambrus, Faculty of Pharmacy, University of Szeged, Hungary
- Prof. Sonja Smole Možina, Biotechnical Faculty, University Ljubljana, Slovenia
- Prof. Cecilia Hodur, Faculty of Engineering, University of Szeged, Hungary
- Ana Matias, Auxiliary Instigator-Head of the Lab, Instituto de Biologia Experimental e Technologica, Portugal
- Prof. Alexander Knyazev, Lobachevsky State University of Nizhni Novgorod, Russia
- Prof. Dmitry Grishin, Lobachevsky State University of Nizhni Novgorod, Russian Academy of Sciences, Russia
- Prof. Stela Jokić, Faculty of Food Technology, University of Josip Juraj Strossmayer Osijek, Croatia
- Prof. Andreja Rajković, Faculty of Bioscience Engineering, University Gent, Belgium
- Olivera Đuragić, Senior Research Associate, Institute of Food Technology in Novi Sad, University of Novi Sad, Serbia
- Nebojša Ilić, Senior Research Associate, Institute of Food Technology in Novi Sad, University of Novi Sad, Serbia
- Katarina Šavikin, Senior Research Associate, Institute “Dr Josip Pančić”, Belgrade, Serbia
- Prof. Slobodan Gadžurić, Faculty of Science, University of Novi Sad, Serbia
- Prof. Aleksander Poreda, Faculty of Food Technology, University of Agriculture in Krakow, Poland
- Charis Galanakis, Galanakis Laboratorie, Greece and ISEKI Food Association, Austria
- Prof. Andrijana Sever Škapin, The Slovenian National Building and Civil Engineering Institute and Faculty of Health Science, University of Ljubljana, Slovenia
- Prof. Ljiljana Mojović, Faculty of Technology and Metallurgy, University of Belgrade, Serbia
- Prof. Reinhard Miller, Max Planck Institute of Colloids and Interfaces in Potsdam/Golm, Germany
- Prof. Spyros Gkelis, School of Biology, Aristotle University of Thessaloniki, Greece
- Prof. Vlada Veljković, Faculty of Technology, Leskovac, Serbia
- Prof. Anatolij Evgenyevich Shamin, Rector of University from Nizhny Novgorod, Russia
- Prof. Nataša Jovanović Lješковиć, Dean of Faculty of Pharmacy Novi Sad, Serbia
- Prof. Ayse Zehra Aroguz, İstanbul Üniversitesi Akademik Bilgi Sistemi, İstanbul, Turkey



International Conference
on Advanced Production and Processing

1st International Conference on Advanced Production and Processing (ICAPP) is a comprehensive scientific conference with a focus on advanced research on production and processing in various fields of technology.

In order to honour the 60th Anniversary of the Faculty of Technology Novi Sad, the home institution of ICAPP, the Conference will be launched this year, as well.

The 1st ICAPP, with the theme “Step Forward”, is devoted to the latest achievements and findings in Food Technology, Biotechnology, Nutraceuticals and Pharmaceuticals, Materials Engineering, Petroleum Engineering and Refining, Environmental Engineering, Chemical Engineering and Sustainable Development.

The main goal of the Conference is to present and discuss the recent progress and innovations, as well as new scientific breakthroughs and findings, within the Conference topics. Besides, the aim of the Conference is to bring the engineers from different fields of industry and science together and to initiate the networking, creation of new ideas, joint researches, new projects and innovations.

The 2nd ICAPP will be organized in 2021 at the same institution.



Professor Ascensión Marcos - THE ROLE OF MICROBIOTA IN THE IMMUNONUTRITION FIELD

Head of the Immunonutrition Research Group, Department of Metabolism and Nutrition, Institute of Science, Technology of Food and Nutrition (ICTAN), Madrid, Spain. President of the Spanish Federation of Societies of Nutrition, Food and Dietetics (FESNAD). President of the International Society for Immunonutrition (ISIN). Past-president of the Federation of European Nutrition Societies (FENS).

Professor Zoran Petrović - BIOLOGICAL OILS AS A PLATFORM FOR SUSTAINABLE DEVELOPMENT OF POLYMERIC MATERIALS

Professor Emeritus at Pittsburg State University, Pittsburg, Kansas and Senior Research Advisor at Kansas Polymer Research Center (KPRC). He received the Ph.D. at the Strathclyde University, Glasgow. He worked in electrical industry for 12 years. Spent 3 years at the Polymer Science and Engineering Department, University of Massachusetts, at Amherst. Dr. Petrović is founder of Kansas Polymer Research Center and he was Research Director until his recent partial retirement.

Professor Costas Biliaderis - BIOPOLYMERS AS VEHICLES FOR DELIVERING INNOVATIVE FUNCTIONALITIES IN FOOD SYSTEMS

Food Science and Technology Department, Faculty of Agriculture, Forestry and Natural Environment, Aristotle University, Thessaloniki, Greece. Former research associate with the National Research Council of Canada, a project chemist with General Foods, Inc., an Associate Professor with the University of Manitoba, Canada and a visiting Professor with the Cyprus University of Technology.

Professor Reinhard Miller - CHARACTERISATION OF PROTEINS AND SURFACTANTS AT FLUID INTERFACES RELEVANT FOR FOAMS AND EMULSIONS IN FOOD

Max Planck Institute of Colloids and Interfaces in Potsdam/Golm, Germany. Editor of “Advances in Colloid Interface Science” at ELSEVIER Publishers. Editor of the journal “Colloids and Interfaces” at MDPI. Past president of the “European Colloid and Interface Society” ECIS. Immediate Past President of the “International Association of Colloid and Interface Scientists”.

Professor Francisco Gabriel Ación - CONTRIBUTION OF MICROALGAE TO THE SUSTAINABILITY IMPROVEMENT OF DIFFERENT INDUSTRIAL PROCESSES

Department of Chemical Engineering, University of Almeria, Spain. Worked as professor at Universities of Seville, Malaga, and International University of Andalucía. Editorial Advisory Board of Algal Research journal.

**Professor Raúl Muñoz - BIOLOGICAL CONVERSION OF GREENHOUSE GASES INTO ADDED VALUE
BIO-PRODUCTS: MOVING TOWARDS GHG BIOREFINERIES**

Department of Chemical Engineering and Environmental Technology, University of Valladolid (UVa), Spain. Principal Investigator (UVa) on EU Horizon2020 project “Innovative Eco-Technologies for Resource Recovery from Wastewater”. Awarded by the Spanish Royal Academy of Engineering Medal for young researchers in recognition for his merits in environmental engineering and knowledge transfer between the university and the private sector.

**Professor Mire Zloh - IN SILICO SIMULATION OF FREEZE DRYING PHARMACEUTICAL FORMULATIONS
PROCESSES**

Emeritus Professor of Medicinal Chemistry at the University of Hertfordshire, UK. Former Head of Pharmaceutical Chemistry in the Department of Pharmacy at the University of Hertfordshire and Research Professor within the Centre for Health Services and Clinical Research. Honorary Professor at UCL School of Pharmacy, London, UK.

Professor Živko Nikolov - PROCESS SIMULATION IS AN ESSENTIAL TOOL IN PRODUCT DEVELOPMENT

Dow Chemical Professor, Associate Department Head & Associate Director, The National Center for Therapeutic Manufacturing, Agriculture and Life Sciences Texas A&M University, USA. Before joining Texas A&M in 2003, professor Nikolov was Vice President of Bioprocess Development with Prodi Gene Inc. He is a recognized expert in bio processing of transgenic plants for production of high-value protein products and therapeutic proteins.

**Diego Moreno, PhD - INNOVATING WITH BIOACTIVES FROM BRASSICA BYPRODUCTS - THE SPIN-OFF
EXPERIENCE**

Scientific Researcher at Research Group on Quality, Safety, and Bioactivity of Plant-based Foods, Food Science and Technology Department, Centro de Edafología y Biología Aplicada del Segura, CEBAS-CSIC, Murcia, Spain.

**Milena Špirkova, PhD - POLYCARBONATE-BASED POLYURETHANES AND POLYURETHANE
NANOCOMPOSITES**

Senior Scientist at the Institute of Macromolecular Chemistry CAS, Academy of Sciences of the Czech Republic, Prague, Czech Republic.

Vilma Ducman, PhD - FOAMING OF ALKALI ACTIVATED MATERIALS

Slovenian National Building and Civil Engineering Institute, Ljubljana, Slovenia. Head of Department for Materials (ZAG). Member of RILEM (International Union of Laboratories and Experts in Construction Materials, Systems and Structures) and NANOCEM (The Industrial-Academic Research Network on Cement and Concrete).



Professor Peter Raspor - FROM FOOD TO SAFE FOOD: PROBLEMS AND CHALLENGES IN NEW PRODUCT DEVELOPMENT

Biotechnical Faculty, University of Ljubljana, Slovenia. Guest professor at University Vienna, Austria, and University of Maribor and University of Primorska, Slovenia. Worked as a Professor at Budapest Corvinus University, Hungary.

Professor Nikola Tomić - APPLICATION OF SUPERCRITICAL CARBON DIOXIDE FOR DRYING OF FRUITS AND VEGETABLES – SENSORY AND FOOD SAFETY PERSPECTIVES

Associate professor of Sensory Analysis of Food at University of Belgrade – Faculty of Agriculture, Institute of Food Technology and Biochemistry, Belgrade, Serbia. Head of Department of Food Safety and Quality Management.

Professor Cristina Delerue Matos - PHARMACEUTICALS IN THE ENVIRONMENT

Full Professor at the Polytechnic Institute of Porto, Portugal. Senior researcher at LAQV REQUIMTE, Porto, Research group Environmental Chemistry.

Polonca Ropret, PhD - RAMAN SPECTROSCOPY FOR CHARACTERISATION OF BRONZE OBJECTS IN DIFFERENT ENVIRONMENTS AND ITS PROTECTION SYSTEMS

Head of Research Institute of the Institute for the Protection of Cultural Heritage of Slovenia (IPCHS) and Research Collaborator at Museum Conservation Institute, Smithsonian Institution. Member of Scientific Committee for RAA and national coordinator for E-RIHS Slovenia.

Marija Desančić, MScEng - FLUID BED PROCESSES IN PHARMA INDUSTRY

Head of Solid Dosage Forms Department at Hemofarm, member of STADA group. Her past positions were Chief of packaging department and Product Coordinator at Hemofarm, STADA Group. She is Master of Technology focused in Pharmaceutical Sciences from Faculty of Technology Novi Sad.


Biljana Bogdanović, MScEng - CHALLENGES IN SUGAR PRODUCTION – FOOD SAFETY MANAGEMENT

She is the Quality Coordinator at Sunoko sugar plants. She is the Lead Auditor for TUV SÜD, lecturer at BSC - Information Centre, consultant at MONNA agency. Her speciality is sugar technology with the main focus on quality control.




Rectorate of the University of Novi Sad

Opening ceremony
14:00 – 14:30



Rectorate of the University of Novi Sad

Photo session of ICAPP participants
14:30 – 14:45



Rectorate of the University of Novi Sad

Nutraceuticals and Pharmaceuticals (NP)
15:00 – 17:30


Hall of the Faculty of Technology Novi Sad

Registration
12:00 – 15:00



Amphitheater, Faculty of Technology Novi Sad

Innovative Food Science and Bioprocesses (IFB)
15:00 – 17:15



Hall of the Faculty of Technology Novi Sad

Coffee break
for sections IFB, MDA, PRP, SDCE
17:15 – 17:30



Hall of the Rectorate of the University of Novi Sad

Coffee break
for section NP
17:30 – 18:00



Blue Hall, Faculty of
Technology Novi Sad

**Materials Design and
Applications (MDA)**

15:00 – 17:00



Classroom 10, Faculty of
Technology Novi Sad

**Petroleum Refining and
Production (PRP)**

15:00 – 16:00



Hall of the
Faculty of Technology
Novi Sad

Coffee break
for sections

IFB, MDA, PRP, SDCE
17:00 – 17:30



Hall of the
Faculty of Technology
Novi Sad

Coffee break
for sections

IFB, MDA, PRP, SDCE
17:00 – 17:30



Poster sessions

Hall of the Faculty of Technology Novi Sad
and Hall of the Faculty of Agriculture

**Materials Design and Applications,
Petroleum Refining and Production,
Sustainable Development, Chemical and
Environmental Engineering**

Set-up from 15:00

Poster viewing and discussion

17:30 – 19:00

Dismantling

19:00 – 19:30



Gala event at the restaurant
"Žal za mladost"
Boulevard patrijarha Pavla 189
20:00 – 00:30





Amphitheater, Faculty of
Technology Novi Sad
**Innovative Food Science
and Bioprocesses (IFB)**
9:00 – 11:00
11:30 – 13.30
14:00 – 16.00



Hall of the
Faculty of Technology
Novi Sad
Lunch break
for sections
IFB, MDA and PRP
13:00 – 14:00



Hall of the
Faculty of Technology
Novi Sad
Coffee break
for sections IFB, MDA
11:00 – 11:30


**Amphitheater,
Faculty of Technology Novi Sad
Closing Ceremony, Conclusions and
Poster Awards Ceremony**
18:00 – 18:30



Blue Hall, Faculty of
Technology Novi Sad
**Materials Design and
Applications (MDA)**
14:00 – 16:00
16:30 – 17:30



Poster sessions
Hall of Faculty of Technology Novi Sad
and Hall of the Faculty of Agriculture
**Innovative Food Science and
Bioprocesses,
Nutraceuticals and Pharmaceuticals**
Set-up from 13:00
Poster viewing and discussion
16:30 – 18:00
Dismantling
18:00 – 19:00



Hall of the
Faculty of Technology
Novi Sad
Coffee break
for sections
IFB, MDA, PRP and NP
16:00 – 16:30



LECTURE SESSION 1

10.10.2019. Amphitheater Faculty of Technology Novi Sad, 15:00 – 17:15

Chairs of the Session: Viktor Nedović and Diego Moreno

IFB-PL1 15:00-15:30	Costas G. Biliaderis BIOPOLYMERS AS VEHICLES FOR DELIVERING INNOVATIVE FUNCTIONALITIES IN FOOD SYSTEMS	Plenary lecture
IFB-IL1 15:30-16:00	Živko Nikolov , Laura Soto-Sierra PROCESS SIMULATION IS AN ESSENTIAL TOOL IN PRODUCT DEVELOPMENT	Invited lecture
IFB-OL1 16:00-16:15	Bülent Başığit , İbrahim Hayoğlu, Sara Bulut, Gülbahar Akyar PRODUCTION OF INSTANT LIQUORICE (<i>GLCYRRHIZA GLABRA</i>) ROOT SHERBET	Oral presentation
IFB-OL2 16:15-16:30	Naiara Fernández Hernández, Maha Abdallah, Ingeborg Heuschkel, Pavel Gurikov, Maria R. Bronze, Ana A. Matias EXTRACTION OF BIOPOLYSACCHARIDES FROM MARINE BIOMASS USING ALTERNATIVE SOLVENTS	Oral presentation
IFB-OL3 16:30-16:45	Seba Al-Sataf, Bülent Başığit, Ümran Cansu, Hidayet Sağlam, Asliye Karaaslan, Mehmet Karaaslan ASSESSMENT OF ANTIMICROBIAL ACTIVITY OF POMEGRANATE PEEL AND DETERMINATION OF ITS INDIVIDUAL PHENOLIC COMPOUNDS BY USING LC-ESI-MS/MS	Oral presentation
IFB-OL4 16:45-17:00	Maja M. Milošević, Milica N. Perović, Tatjana R. Đorđević, Mirjana G. Antov GREEN BIOREFINERY FOR THE ENHANCEMENT OF BIOACTIVITY OF PECTIN FROM SUGAR BEET EXTRACTION WASTE	Oral presentation



IFB-OL5 17:00-17:15	<p>Aslı Zungur Bastioğlu, Berker Nacak, Meltem Serdaroğlu THE EFFECT OF REPLACING BEEF FAT WITH OLIVE OIL AND PRODUCTION METHODS ON OXIDATIVE CHANGES IN FERMENTED SAUSAGE (SUCUK)</p>	Oral presentation
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LECTURE SESSION 2

11.10.2019. Amphitheater Faculty of Technology Novi Sad, 9:00 – 11:00
Chairs of the Session: Naiara Fernández Hernández and Mirjana Antov

IFB-PL2 9:00-9:30	<p>T. Kairaliyeva, N. Mucic, J. Katona, E.V. Aksenenko, V.I. Kovalchuk, A.V. Makievski, V.B. Fainerman, S.B. Aidarova 2 and Reinhard Miller CHARACTERISATION OF PROTEINS AND SURFACTANTS AT FLUID INTERFACES RELEVANT FOR FOAMS AND EMULSIONS IN FOOD</p>	Plenary lecture
IFB-IL2 9:30-10:00	<p>Diego Moreno INNOVATING WITH BIOACTIVES FROM BRASSICA BYPRODUCTS - THE SPIN-OFF EXPERIENCE</p>	Invited lecture
IFB-OL6 10:00-10:15	<p>Anil Bodruk, Feyza Elmas, Mehmet Koç, Fatma Meltem Serdaroğlu, Nurcan Koca, Figen Kaymak Ertekin PRODUCTION OF TEXTURIZED ROUND-BEEF SNACK USING FREEZE AND MICROWAVE PRE-DRYING METHODS</p>	Oral presentation
IFB-OL7 10:15-10:30	<p>Feyza Elmas, Anil Bodruk, Mehmet Koç, Fatma Meltem Serdaroğlu, Nurcan Koca, Figen Kaymak Ertekin EFFECTS OF DIFFERENT MARINATION PROCESSES ON DRYING OF TURKEY BREAST MEAT</p>	Oral presentation
IFB-OL8 10:30-10:45	<p>Anikó Kovács, Katalin Badakné Kerti, László Somogyi EFFECT OF SUGAR REDUCTION AND SUBSTITUTION ON POUND CAKE</p>	Oral presentation



IFB-OL9
10:45-11:00

Blaž Ferjančič, Nina Petrovčič, Mojca Korošec, Nada Vahčić, Jasna Bertoneclj
INSTANT COFFEE ENRICHED WITH DIETARY FIBRE

Oral
presentation



LECTURE SESSION 3

11.10.2019. Amphitheater Faculty of Technology Novi Sad, 11:30 – 13:00

Chairs of the Session: Marina Cvjetko Bubalo and Aleksandar Fišteš

IFB-IL3
11:30-12:00

Peter Raspor
FROM FOOD TO SAFE FOOD: PROBLEMS AND CHALLENGES IN NEW PRODUCT
DEVELOPMENT

Invited
lecture

IFB-OL10
12:00-12:15

Kristina Radošević, Marijan Logarušić, Ivana Radojčić Redovniković,
Marina Cvjetko Bubalo, Igor Slivac, Višnja Gaurina Srček
IN VITRO BIOLOGICAL ACTIVITY OF OILSEED MEAL PROTEIN HYDROLYSATES

Oral
presentation

IFB-OL11
12:15-12:30

Sibel Uzuner, Sebnem Kurhan, Gulsun Akdemir Evrendilek
SIMULTANEOUS ULTRASONICATION AND ENZYMATIC SACCHARIFICATION FOR
FERMENTABLE SUGAR PRODUCTION USING *CHLORELLA VULGARIS*

Oral
presentation

IFB-OL12
12:30-12:45

Kateřina Vihanová, Markéta Houdková, Trinop Promgool, Ondřej Horák,
Somdej Kanokmedhakul, Ladislav Kokoška
EVALUATION OF *IN VITRO* GROWTH-INHIBITORY EFFECT OF SPICE ESSENTIAL OILS AND
SUPERCRITICAL CARBON DIOXIDE EXTRACTS ON FOOD PATHOGENIC BACTERIA IN
LIQUID AND VAPOR PHASE USING BROTH MICRODILUTION VOLATILIZATION METHOD

Oral
presentation

IFB-OL13
12:45-13:00

Özgün Köprüalan, Şeyma Arıkaya, Mehmet Koç, Nurcan Koca, Figen Kaymak-Ertekin
EFFECTS OF MICROWAVE DRYING PRIOR TO PUFF DRYING ON THE PHYSICAL QUALITY
CHARACTERISTICS OF DRIED REDUCED - FAT WHITE CHEESE

Oral
presentation



LECTURE SESSION 4

11.10.2019. Amphitheater Faculty of Technology Novi Sad, 14:00 – 16:00

Chairs of the Session: Zita Šereš and Sonja Smole Možina

IFB-EL1 14:00-14:30	Biljana Bogdanović , Branislav Bogdanović CHALLENGES IN SUGAR PRODUCTION – FOOD SAFETY MANAGEMENT	Invited lecture
IFB-OL14 14:30-14:45	Zorica Z. Stojanović-Radić , Milica Pejčić, Marija Jokanović, Maja Ivić, Branislav Šojić, Snežana Škaljac INHIBITION OF <i>SALMONELLA ENTERITIDIS</i> GROWTH AND STORAGE STABILITY IN CHICKEN MEAT TREATED WITH BASIL AND ROSEMARY ESSENTIAL OILS ALONE OR IN COMBINATION	Oral presentation
IFB-OL15 14:45-15:00	Gülten Tiryaki Gündüz , Ayça Korkmaz, Duygu Kışla, Nurcan Koca, Müge Urgu Öztürk, Sevcan Ünlütürk THE EFFICACY OF CONTINUOUS SYSTEM ULTRAVIOLET LIGHT TREATMENT ON THE INHIBITION OF MOLDS INOCULATED TO SURFACES OF YOGHURT WITH SURFACE CREAM	Oral presentation
IFB-OL16 15:00-15:15	Mahmoud Dahhan STUDY THE EFFECT OF DEEP FRYING IN OIL CONTENT CHANGES OF FATTY ACIDS FOR SUNFLOWER OIL AND COTTON	Oral presentation
IFB-OL17 15:15-15:30	Zsanett Bodor , Csilla Benedek, Tímea Kaszab, John-Lewis Zinia Zaukuu, Zoltan Kovacs APPLICATION OF CORRELATIVE ANALYTICAL TECHNIQUES FOR THE DETECTION OF HEAT TREATMENT OF HONEY	Oral presentation
IFB-OL18 15:30-15:45	Safiye Nur Dirim THE USE OF ADVANCED CONTROL SYSTEMS IN FOOD PROCESSING OPERATIONS	Oral presentation
IFB-OL19 15:45-16:00	Vesna B. Vujasinović , Biljana B. Rabrenović, Seddiq M. A. Esalami, Sanja B. Dimić, Dragan V. Tešanović, Maja V. Banjac SENSORY AND SOME CHEMICAL CHARACTERISTICS OF OLIVE OILS PRODUCED IN LYBIA	Oral presentation



LECTURE SESSION 5

11.10.2019. Classroom 10, 14:00 – 16:15

Chairs of the Session: Nikola Tomić and Jelena Pejin

IFB-IL4 14:00-14:30	Nikola Tomić , Sara Spilimbergo, Gerard Hofland, Andreja Rajković APPLICATION OF SUPERCRITICAL CARBON DIOXIDE FOR DRYING OF FRUITS AND VEGETABLES – SENSORY AND FOOD SAFETY PERSPECTIVES	Invited lecture
IFB-OL20 14:30-14:45	Ali Kozlu , Yeşim Elmacı QUALITY CHARACTERISTICS OF STRAWBERRY COATED WITH QUINCE SEED MUCILAGE AS EDIBLE COATING	Oral presentation
IFB-OL21 14:45-15:00	Edward Muntean , Marcel Duda, Nicoleta Muntean XENOBIOTICS IN <i>LACTUCA SATIVA</i> L.	Oral presentation
IFB-OL22 15:00-15:15	Anita Vakula , Zdravko Šumić, Branimir Pavlić, Marija Jakanović, Aleksandra Tepić Horecki INNOVATIVE PROTOTYPE OF VACUUM DRYER FOR FRUIT DRYING	Oral presentation
IFB-OL23 15:15-15:30	Özgül Altay , Özgün Köprüalan, Anıl Bodruk, Figen Kaymak Ertekin EFFECTS OF EXPLOSIVE PUFF DRYING AND FREEZE DRYING ON QUALITY CHARACTERISTICS OF HIGH NUTRITIVE PUMPKIN CHIPS	Oral presentation
IFB-OL24 15:30-15:45	Hira Yüksel , Safiye Nur Dirim THE USE OF SPRAY DRYING AND AGGLOMERATION METHODS TO OBTAIN SPINACH JUICE POWDER AND AGGLOMERATES	Oral presentation
IFB-OL25 15:45-16:00	Bahar Atmaca, Nurullah Bulut, Sibel Uzuner, Gülsün Akdemir Evrendilek SEED SURFACE DISINFECTION METHODS: CURRENT APPLICATIONS AND NEW DIRECTIONS	Oral presentation



IFB-OL26 16:00-16:15	Igor L. Gáspár , Svetlana S. Popović TESTING 3D PRINTED STATIC MIXER WITH IMPROVED GEOMETRY	Oral presentation
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POSTER SESSION 11.10.2019. IFB-P1-P84
The Hall of the Faculty of Technology Novi Sad and Hall of Faculty of Agriculture, 16:30 – 18:00

IFB-P1	Branislav V. Šojić , Vladimir M. Tomović, Branimir M. Pavlić, Predrag M. Ikonić, Marija R. Jokanović, Maja Đ. Ivić, Snežana B. Škaljac GINGER ESSENTIAL OIL IMPROVES QUALITY OF COOKED PORK
IFB-P2	Maja Đ. Ivić , Vladimir M. Tomović, Marija R. Jokanović, Snežana B. Škaljac, Branislav V. Šojić EFFECT OF WILD OREGANO ESSENTIAL OIL ON LIPID OXIDATION IN MARINATED PORK CHOPS
IFB-P3	Ankica Kondić-Špika , Sanja Mikic, Drgana Trkulja, Novica Mladenov, Nada Grahovac, Zvonimir Sakač, Saša Krstović, Nikola Hristov THE EFFECT OF GENOTYPE (G), GROWING ENVIRONMENT (E), AND THEIR INTERACTION (G x E) ON THE CHEMICAL COMPOSITION OF WHEAT BRAN
IFB-P4	Emina Kadrić , Zlatan Sarić EXPERIMENTAL PRODUCTION OF HEAT-ACID COAGULATING CHEESE WITH ADDITION OF PLUM
IFB-P5	Vladimir Tomović , Marija Jokanović, Branislav Šojić, Snežana Škaljac, Milana Lazović, Ivana Vasiljević, Igor Tomašević, Ivana Nikolić, Dragan Vujadinović, Mila Tomović LEAD CONTENT IN THE MEAT OF SAANEN GOAT MALE KIDS FROM VOJVODINA (NORTHERN SERBIA)
IFB-P6	Sonja P. Veljović , Marija P. Petrović, Stanislava Ž. Gorjanović, Maja M. Natić, Predrag V. Vukosavljević ANTIOXIDANT POTENTIAL AND SENSORY QUALITY OF NEW GREEN WALNUT LIQUEUR
IFB-P7	Jan Staš , Marketa Houdkova, Jan Banout, Ladislav Kokoska DEVELOPMENT OF NEW <i>IN VITRO</i> COLORIMETRIC MTT ASSAY FOR HIGH-THROUGHPUT SCREENING OF ANTI-YEAST ACTIVITY OF PLANT-DERIVED PRESERVATIVE CANDIDATES IN AN ORANGE JUICE FOOD MODEL
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IFB-P11	Jelena S. Mitrović , Nada Č. Nikolić, Ivana T. Karabegović, Miodrag M. Lazić, Ljubiša B. Nikolić THE ANTIOXIDANT ACTIVITY AND COMPOSITION OF THE PHENOLICS FROM NON-GROUND NETTLE (<i>URTICA DIOICA</i> L.) SEEDS EXTRACTED BY DISTILLED AND TAP WATER
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IFB-P58	Dragana M. Šoronja-Simović , Zita I. Šereš, Ferenc E. Kiš, Nikola R. Maravić, Biljana S. Pajin, Miljana Z. Djordjević, Žana Šaranović PREFERENCES TOWARDS SWEETS AND SALTY SNACK CONSUMPTION AMONG YOUNG POPULATION IN RELATION TO BMI
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IFB-P60	Aleksandra S. Stojićević , Biljana B. Rabrenović, Vladislav Rac, Vladimir Šarac, Tatjana M. Šolević Knudsen, Mališa P. Antić OXIDATIVE STABILIZATION OF COLD-PRESSED SUNFLOWER OIL BY CARAWAY (<i>CARUM CARVI</i> L.) ESSENTIAL OIL
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IFB-P63	Zdravko Šumić , Mirna Drašković Berger, Anita Vakula, Marija Jokanović, Biljana Cvetković, Branimir Pavlić, Aleksandra Tepić Horecki SENSORY CHARACTERISTICS OF FERMENTED CABBAGE OBTAINED ON DIFFERENT CONDITIONS OF FERMENTATION
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IFB-P66	Ana G. Doroški , Ilija V. Đekić, Jovana Đ. Vunduk, Miomir P. Nikšić, Anita S. Klaus TOTAL QUALITY INDEX APPROACH IN THE CULTIVATION OF OYSTER MUSHROOM (<i>PLEUROTUS OSTREATUS</i>) GROWN IN CELLULOSE PLANT WASTE



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IFB-P69	Miroslav Hadnađev , Milan Marčeta, Nataša Jovanović-Lješковиć, Veljko Krstonošić, Tamara Dapčević-Hadnađev PHYSICAL AND MECHANICAL PROPERTIES OF DIFFERENT PROTEIN-BASED EDIBLE FILMS
IFB-P70	Nataša M. Nastić , Biljana S. Pajin, Giorgia Spigno, Jaroslava V. Švarc-Gajić, Ivana S. Lončarević EXTRACTION OF POLYPHENOLS FROM OILSEED CAKES BY SUBCRITICAL WATER
IFB-P71	Nataša M. Nastić, Biljana S. Pajin, Joachim Venus, Jaroslava V. Švarc-Gajić , Ivana S. Lončarević SUBCRITICAL WATER EXTRACTION OF PHENOLIC COMPOUNDS FROM COCOA BEAN HULLS
IFB-P72	Dragan P. Vujadinović, Milan S. Vukić , Vladimir M. Tomović, Ardea Ž. Milidrag, Marko M. Ivanović MICROBIOLOGICAL STABILITY OF COOKED SAUSAGES AS FUNCTION OF REPLACEMENT INORGANIC SALTS WITH NATURAL ADDITIVES
IFB-P73	Aleksandra M. Torbica , Jelena M. Tomić, Elizabet P. Janić Hajnal INFLUENCE OF DIFFERENT FOOD BY-PRODUCTS ON RHEOLOGICAL BEHAVIOR OF WHOLEGRAIN WHEAT DOUGH
IFB-P74	Snežana M. Stevanović , Tanja S. Petrović, Mirjana B. Pešić THE EFFECT OF DRYING TREATMENT ON THE RETENTION OF ANTIOXIDATIVE PROPERTIES OF STRAWBERRY
IFB-P75	Vladimir S. Puškaš, Uroš D. Miljić , Jovana J. Đuran, Vesna M. Vučurović CHARACTERISATION OF FRUIT WINE PRODUCED FROM QUINCE (<i>CYDONIA OBLONGA</i>) CONCENTRATED JUICE
IFB-P76	Gorica Č. Vuković, Marina R. Đukić, Vojislava P. Bursić , Tijana N. Stojanović, Aleksandra P. Petrović, Dušan M. Marinković, Bojan B. Konstantinović DETERMINATION OF BISPENOL A IN BABY BOTTLES AND DRINKING CONTAINERS BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY



IFB-P77	Dubravka J. Škrobot , Jelena M. Tomić, Predrag M. Ikončić, Tamara R. Dapčević Hadnađev, Alena M. Tomšik, Miroslav S. Hadnađev, Jovana D. Delić NOVEL RAPID SENSORY PROFILING METHOD AS A TOOL FOR DIFFERENTIATION BETWEEN TRADITIONAL AND COMMERCIAL DRY FERMENTED SAUSAGES
IFB-P78	Alexandros Soniadis, Costas G. Biliaderis , Konstantina Zampouni, Thomas Moschakis, Athina Lazaridou, Eugenios Katsanidis PHYSICOCHEMICAL PROPERTIES OF OLIVE OIL OLEOGELS STRUCTURED WITH MONOGLYCERIDES
IFB-P79	Konstantina Zampouni, Costas G. Biliaderis , Alexandros Soniadis, Athina Lazaridou, Thomas Moschakis, Eugenios Katsanidis IMPROVEMENT OF THE NUTRITIONAL PROFILE OF GREEK SAUSAGES BY ANIMAL FAT AND NaCl SUBSTITUTION
IFB-P80	Meta Sterniša, Mihael Čargo, Sonja Smole Možina SPOILAGE BACTERIA <i>PSEUDOMONAS</i> – PRODUCTION OF HYDROLYTIC ENZYMES AND ABILITY TO GROW AT 5°C
IFB-P81	Goran Vučić , Radoslav Grujić, Ladislav Vasilišin pH VALUE, TEMPERATURE AND COLOR PARAMETERS L*, a*, b* EVALUATION IN RAW PORK MEAT DURING 72 HOURS POST-MORTEM
IFB-P82	Milica Ž. Karadžić Banjac, Strahinja Z. Kovačević, Žarko M. Ilin, Boris D. Adamović, Aleksandra N. Tepić Horecki, Zdravko M. Šumić, Anita S. Vakula, Lidija R. Jevrić, Sanja O. Podunavac-Kuzmanović DISCRIMINANT ANALYSIS OF CHEMICAL AND ANTIOXIDANT PROPERTIES OF <i>CAPSICUM ANNUUM</i> CULTIVATED UNDER DIFFERENT CONDITIONS
IFB-P83	Miljana Z. Djordjević, Zita I. Šereš , Nikola R. Maravić, Marijana Z. Djordjević, Dragana M. Šoronja-Simović, Cecilia Hodur, Naoufal Bellahsen SUGAR BEET MOLASSES QUALITY ENHANCEMENT THROUGH TREATMENT WITH ODIFIED SUGAR BEET PULP
IFB-P84	Ana Griz, Jana Zahorec, Meta Sterniša, Alenka Levart, Zita Šereš, Dragana Šoronja-Simović, Sonja Smole Možina THE INFLUENCE OF FUNCTIONAL INGREDIENTS ON THE TECHNOLOGICAL AND QUALITY PARAMETERS OF WHEAT BREAD



LECTURE SESSION 1
10.10.2019. Blue Hall, 15:00 – 17:00
Chairs of the Session: Biljana Angjusheva and Branka Pilić

MDA-PL1 15:00-15:30	Zoran Petrović BIOLOGICAL OILS AS A PLATFORM FOR SUSTAINABLE DEVELOPMENT OF POLYMERIC MATERIALS	Plenary lecture
MDA-IL1 15:30-16:00	Milena Špírková , Jelena Pavličević, Jiří Hodan, Sabina Krejčíková, Luďka Machová, Jaroslava Budinski-Simendić POLYCARBONATE-BASED POLYURETHANES AND POLYURETHANE NANOCOMPOSITES	Invited lecture
MDA-OL1 16:00-16:15	Aleksandra Miletić, Ivan Ristić, Branka Pilić FUNCTIONAL BIO-BASED MATERIALS IN WOUND DRESSING	Oral presentation
MDA-OL2 16:15-16:30	Milica Vasić , Lato Pezo, Zagorka Radojević INFLUENCE OF BRICK CLAY CHARACTERISTICS TO THE QUALITY OF ADOBE CLAY BRICKS	Oral presentation
MDA-OL3 16:30-16:45	Vojo Jovanov , Vladimir Zečević, Jonjaua Ranogajec, Emilija Fidanchevska PHOTOCATALYTIC COATING BASED ON ILITE CLAY/TiO ₂ COMPOSITE	Oral presentation
MDA-OL4 16:45-17:00	Berta Hollo , Milena Špírková, Jelena Pavličević, Oskar Bera, Mirjana Jovičić, Bojana Ikonić, Katalin Mészáros Szécsényi THERMAL STABILITY AND DEGRADATION KINETICS OF ALIPHATIC POLYURETHANE/NANOSILICA COMPOSITES	Oral presentation



LECTURE SESSION 2
11.10.2019. Blue Hall, 14:00 – 16:00
Chairs of the Session: Maria Stefanidou and Slobodan Gadžurić

MDA-IL2 14:00-14:30	Vilma Ducman , Katja Traven, Mark Češnovar, Lidija Korat, Barbara Horvat FOAMING OF ALKALI ACTIVATED MATERIALS	Invited lecture
MDA-IL3 14:30-15:00	Polonca Ropret RAMAN SPECTROSCOPY FOR CHARACTERISATION OF BRONZE OBJECTS IN DIFFERENT ENVIRONMENTS AND ITS PROTECTION SYSTEMS	Invited lecture
MDA-EL1 15:00-15:30	Daniela Korolija Crkvenjakov FIFTEEN YEARS OF COLLABORATION OF THE FACULTY OF TECHNOLOGY AND THE GALLERY OF MATICA SRPSKA	Invited lecture
MDA-OL5 15:30-15:45	Maja Gajić-Kvašček , Velibor Andrić, Marija Vuksanović, Aleksandar Bulatović NONINVASIVE STUDIES OF EARLY BRONZE AGE POTTERY FRAGMENTS EXAVATED AT THE SITE MEANISTE IN RANUTOVAC, SERBIA	Oral presentation
MDA-OL6 15:45-16:00	Biljana Angjusheva , Vilma Ducman, Emilija Fidancevska, Vojo Jovanov EVALUATION OF THE PROCESS PARAMETERS OF CERAMIC PRODUCED FROM CLAY AND C&DW	Oral presentation



LECTURE SESSION 3
11.10.2019. Blue Hall, 16:30 – 17:30
Chairs of the Session: Bojan Miljević i Emilija Findavcevska

MDA-OL7 16:30-16:45	Anna-Maria Sigouni , Fotini Kesikidou, Parthena Koltsoy, Maria Stefanidou NANO-MODIFIED BIO-FIBRES FOR ADVANCED CEMENT MORTARS	Oral presentation
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MDA-OL8 16:45-17:00	Bojan Miljević , Francesco Lo Monte, Snežana Vučetić, Olja Šovljanski, John Milan van der Bergh, Ivan Ristić, Siniša Markov, Liberato Ferrara, Jonjaua Ranogajec CRACK SELF-HEALING ABILITY OF BIO-MORTAR	Oral presentation
MDA-OL9 17:00-17:15	Miloš Vasić , Zagorka Radojević MEASURING THE DRYING SENSITIVITY OF CLAYS: A REVIEW	Oral presentation
MDA-OL10 17:15-17:30	Dragan Rajnovic , Lepasava Sidjanin, Snezana Vucetic, Jonjaua Ranogajec A CRITICAL REVIEW OF CERAMICS FRACTURE TOUGHNESS MEASUREMENT METHODS AND OBSERVATIONS ON SEVNB METHOD IN CASE OF TRADITIONAL CERAMICS	Oral presentation



POSTER SESSION 10.10.2019. MDA-P1 - MDA-P25
The Hall of the Faculty of Technology Novi Sad and Hall of Faculty of Agriculture 17:30 – 19:00

MDA-P1	Zsigmond J. Papp ZnO/TiO ₂ AND Ag/ZnO/TiO ₂ CATALYSTS FOR DECOLORIZATION OF MIXTURE OF ORGANIC DYES AND COMPARISON OF THEIR EFFICIENCY WITH TiO ₂ , ZnO, TiO ₂ +ZnO, Au/ZnO AND MnO ₂
MDA-P2	Snežana Vučetić , John Milan van der Bergh, Bojan Miljević, Jonjaua Ranogajec, Bojan Nikolić, Marko Božović, Milica Konstantinović, Ognjen Kovačević, Veljko Džikić NON-INVASIVE INVESTIGATION OF PAINTING TECHNOLOGY OF PROMINENT 20 TH CENTURY PAINTER MIĆA POPOVIĆ
MDA-P3	Rajko Travica , Radmila Mandić, Marija Tzoutzouli Malešević, Snežana Vučetić, Bojan Miljević, John Milan van der Bergh, Jonjaua Ranogajec SELF-CLEANING OF HISTORICAL AND MODERN MINERAL MATERIALS – LABORATORY AND IN SITU APPROACHES
MDA-P4	Ivan Ristić , Radmila Radičević, Milena Marinović-Cincović, Danica Piper, Maja Valčić, Aleksandra Miletić, Vladan Mičić SYNTHESIS OF EPOXY BASED COATINGS
MDA-P5	Nevena Vukić , Natalija Budinski, Zsolt Lavicza, Mirjana Jovičić, Vesna Teofilović, Tamara Erceg, Mlađan Popović INTERDISCIPLINARY ASPECT OF EDUCATION AND MATERIALS SCIENCE



MDA-P6	Milena Čanačević, Marija Kostić, Suzana Samaržija-Jovanović, Vojislav Jovanović, Branka Petković, Gordana Marković, Jaroslava Budinski-Simendić THE INFLUENCE OF THE TYPE OF ACTIVATION OF THE MONTMORILLONITE ON THE HYDROLYTIC STABILITY OF UREA-FORMALDEHYDE NANOCOMPOSITE
MDA-P7	Vesna Teofilović , Mirjana Jovičić, Jelena Pavličević, Katalin Mészáros-Szécsényi, Radmila Radičević, Milena Špirkova, Ayşe Aroğuz THERMAL PROPERTIES OF AMINE CURED EPOXY HYBRID MATERIALS WITH DIFFERENT CONTENT OF MONTMORILLONITE
MDA-P8	Jelena Pavličević , Nada Lazić, Milenko Plavšić, Pero Dugić, Milanka Plavšić, Dejan Kojić, Jaroslava Budinski-Simendić STRUCTURING OF ENVIROMENTALLY FRIENDLY TYRES USING SBR ELASTOMER AND COMBINED ACTIVE NANOFILLERS
MDA-P9	Mirjana Jovičić , Jelena Pavličević, Bojana Ikonić, Predrag Kojić, Aleksandar Jokić, Dragan Govedarica, Katalin Mészáros Szécsényi THE USE OF MATHEMATICAL MODELING FOR DETERMINATION OF OPTIMAL PMMA/NANOOXIDE MATERIAL DESIGN
MDA-P10	M. Papović, J. Škrbić, R. Rogovits, T. Sobisch, J. Katona, N. Mucić ANTICORROSION ADDITIVES – SPRAY DRYER PRODUCTION AND INFLUENCE OF POST-PRODUCTION TREATMENT ON THE SIZE DISTRIBUTION
MDA-P11	Vesna Vodnik , Una Stamenović BIOLOGICAL AND ELECTROCATALYTIC APPLICATIONS OF Ag, Au, AND Cu NANOPARTICLES, AND THEIR POLYANILINE BASED COMPOSITES
MDA-P12	Róbertné V. P. Kovács DIELECTRIC CHARACTERIZATION OF ENGINE COOLANTS
MDA-P13	Kristina Živojević , Vladimir Čirić, Branislav Jović, Nikola Knežević MESOPOROUS SILICA – HYDROXYAPATITE COMPOSITES AS CARRIERS OF SOIL NUTRIENTS
MDA-P14	Jelena Senčanski , Ivana Stojković Simatović, Stevan Blagojević, Milica Nešović, Milica Vujković RE-SYNTHESIZING CATHODE MATERIAL FROM SPENT LI-ION BATTERIES AND ITS EXAMINATION IN AN AQUEOUS SOLUTION OF NANO_3
MDA-P15	Gorana Mrđan , Borko Matijević, Jelena Lađarević, Dušan Mijin, Đendi Vaštag, Suzana Apostolov INVESTIGATION OF SOLVATOCHROMIC PROPERTIES OF SELECTED NEWLY SYNTHESIZED AZO-DYES DERIVATIVES



MDA-P16	Jasmina Nešković , Jonjaua Ranogajec, Milan Trumić, Snežana Vučetić MINERAL BY-PRODUCTS AS ADDITIVES IN NEWLY SYNTHETIZED CEMENT
MDA-P17	Nevenka Mijatović , Anja Terzić, Ljiljana Miličić, Dragana Živojinović CORRELATION OF ED-XRF AND ICP-OES METHODS APPLIED IN CHEMICAL CHARACTERIZATION OF CEMENTITOUS MATERIALS
MDA-P18	Đendi Vaštag , Špiro Ivošević, Slobodan Gadžurić, Milan Vraneš, Tatjana Trtić Petrović, Senka Šekularac-Ivošević, Suzana Apostolov POSSIBILITY OF CONSTRUCTION MATERIAL PROTECTION IN COASTAL CONDITIONS USING NEW ENVIRONMENTALLY FRIENDLY INHIBITORS
MDA-P19	Dario Balaban , Duško Kostić, Mitar Perušić, Zoran Obrenović, Radislav Filipović ANALYSIS OF GIBBSITE SAMPLES OF BAUXITE AND POSSIBILITY OF APPLICATION IN BAYER PROCESS
MDA-P20	Nejra Omerović , Minja Mladenović, Nikola Knežević, Ljiljana Spasojević, Jaroslav Katona PREPARATION AND CHARACTERIZATION OF FILMS BASED ON MESOPOROUS SILICA AND ZEIN
MDA-P21	Jelena Vukmirović , Andrea Nesterović, Ivan Stijepović, Marija Milanović, Zeljka Cvejić, Jelena Bobić, Vladimir V. Srdić MODIFICATION OF STRUCTURE AND PROPERTIES OF BaTiO ₃ THIN FILMS BY ADDITION OF Sr ²⁺ AND Zr ⁴⁺ IONS
MDA-P22	Damir Čjepa , Željko Ivošević, Snežana Vučetić, Bojan Miljević, John Milan van der Bergh, Jonjaua Ranogajec REUSE OF CEMENT BYPASS DUST FOR ENVIRONMENTAL FRIENDLY PRODUCTION OF BUILDING MATERIALS
MDA-P23	Biljana Angjusheva, Vojo Jovanov, Katarin Šter, Alexandra Momirov, Pece Murtanovski, Emilija Fidanchevski , Sabina Kramar VALORISATION OF FLY ASH AS SECONDARY RAW MATERIAL TOWARDS IMPLEMENTATION OF CIRCULAR ECONOMY
MDA-P24	Slobodan Gadžurić , Nataša Dimitrić, Sanja Belić, Aleksandar Tot, Jovana Panić, Maja Karaman, Daniela Korolija-Crkvenjakov, Milan Vraneš PROTIC IONIC LIQUIDS IN CONSERVATION OF THE PAPER HERITAGE ARTEFACTS
MDA-P25	Erika Švara Fabjan, Andrijana Sever Škapin , Peter Nadrah, Anja Ajdovec, Nataša Zabukovec Logar, Matjaž Mazaj, Goran Dražić MESOPOROUS SiO ₂ PARTICLES WITH CHROMOPHORIC SYSTEM AND THEIR USE IN INDICATION OF RELATIVE HUMIDITY



LECTURE SESSION 1

10.10.2019. Rectorate of the University of Novi Sad, 15:00 – 17:30

Chairs of the Session: Nataša Lješević and Milica Aćimović

NP-PL1 15:00-15:30	Ascension Marcos THE ROLE OF MICROBIOTA IN THE IMMUNONUTRITION FIELD	Plenary lecture
NP-IL1 15:30-16:00	Teresa Barata, Paul Dalby, Steve Brocchini, Mire Zloh <i>IN SILICO</i> SIMULATIONS OF FREEZE DRYING OF PHARMACEUTICAL FORMULATIONS PROCESSES	Invited lecture
NP-EL1 16:00-16:30	Marija Desančić FLUID BED PROCESSES IN PHARMA INDUSTRY	Invited lecture
NP-OL1 16:30-16:45	Bülent Başyigit, Şehriban Yüksekaya, Ümran Cansu, Hidayet Sağlam , Mehmet Karaaslan PHENOLIC FRACTIONS, ANTIOXIDANT AND ANTIDIABETIC POTENTIALS OF QUERCUS INFECTORIA GALL	Oral presentation
NP-OL2 16:45-17:00	Alexander V. Knyazev , Anastasia S. Shipilova, Svetlana S. Knyazeva, Ekaterina V. Gusarova, Vladimir N. Emel'yanenko, Alexey A. Amosov THE STUDY OF THE PROPERTIES OF THE SUBSTANCES FOR THE PHARMACEUTICAL INDUSTRY	Oral presentation
NP-OL3 17:00-17:15	Ahmet Görgüç , Esra Gençdağ, Fatih Mehmet Yılmaz OPTIMIZATION OF MICROWAVE ASSISTED ENZYMATIC EXTRACTION OF STEVIOL GLYCOSIDES AND PHENOLIC COMPOUNDS FROM STEVIA LEAF	Oral presentation
NP-OL4 17:15-17:30	C. Rodolfo, S. Savio, Roberta Congestri BIOACTIVITY POTENTIAL OF A MEDITERRANEAN BRACKISH DIATOM CULTIVATED IN PHOTOBIOREACTORS	Oral presentation



LECTURE SESSION 2

11.10.2019. Rectorate of the University of Novi Sad, 9:00 – 11:00
Chairs of the Session: Jasna Čanadanović Brunet and Mire Zloh

NP-IL2 9:00-9:30	Cristina Delerue-Matos , Paula Paíga, Luísa Correia-Sá, Manuela Correia PHARMACEUTICALS IN THE ENVIRONMENT: A GROWING PROBLEM	Invited lecture
NP-IL3 9:30-10:00	Evgeniy Shamin DEVELOPMENT OF FUNCTIONAL PRODUCTS USING BIOLOGICALLY ACTIVE SUBSTANCES	Invited lecture
NP-OL5 10:00-10:15	J. Skrbić, T. Kairaliyeva, L. Petrovć, J. Katona, V.B. Fainerman, N. Mucić , R. Miller THERMODYNAMIC AND KINETIC PROPERTIES OF EQUIMOLAR AQUEOUS ANIONIC AND CATIONIC SURFACTANTS MIXTURES - CATANIONICS	Oral presentation
NP-OL6 10:15-10:30	Shyam Jee THE PHYTOCHEMICAL AND PHARMACOLOGICAL ACTIVITY OF CITRUS LIMETTA PEEL EXTRACTS	Oral presentation
NP-OL7 10:30-10:45	Rita Ambrus PARTICLE ENGINEERING IN MODERN DRUG FORMULATION	Oral presentation
NP-OL8 10:45-11:00	Ivana Dimić , Živan Mrkonjić, Nemanja Teslić, Dušica Čolović, Zoran Zeković, Branimir Pavlić INFLUENCE OF SUPERCRITICAL FLUID EXTRACTION PARAMETERS ON GRAPE SEEDS OIL RECOVERY	Oral presentation



POSTER SESSION 11.10.2019. NP-P1-P52

The Hall of the Faculty of Technology Novi Sad and Hall of Faculty of Agriculture, 16:30 – 18:00

NP-P1	Jelena R. Milinković Budinčić , Lidija B. Petrović, Jadranka L. Fraj, Jaroslav M. Katona, Sandra Đ. Bučko, Ljiljana M. Spasojević RHEOLOGICAL PROPERTIES OF CHITOSAN-SODIUM LAURYL ETHER SULFATE COMPLEXES
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NP-P2	Marija S. Milašinović-Šeremešić , Milica M. Radosavljević, Jelena Ž. Srdić, Jelena Z. Mesarović GENETIC VARIATION IN THE MAIN NUTRIENTS, PHYTOCHEMICALS AND SENSORY PROPERTIES AMONG VARIOUS SWEET MAIZE GENOTYPES
NP-P3	Svetlana S. Knyazeva , Alexander V. Knyazev, Anastasia S. Shipilova, Ekaterina V. Gusarova, Alexey A. Amosov POLYMORPHISM IN STEROID HORMONES
NP-P4	Neli-Kinga Olah , Edward Muntean, Marcel M. Duda STUDIES ON PHYTOTHERAPEUTIC QUALITY OF <i>EQUISETUM ARVENSE</i> L. IN CLUJ, ROMANIA
NP-P5	Marina D. Kalić , Veljko S. Krstonošić, Miroslav S. Hadnađev, Tamara. R. Dapčević Hadnađev EMULSIFYING PROPERTIES OF POTATO PROTEINS IN COMPARISON TO WHEY PROTEINS
NP-P6	Anastasia S. Shipilova , Alexander V. Knyazev, Svetlana S. Knyazeva, Ekaterina V. Gusarova, Alexey A. Amosov STUDY OF THE TEMPERATURE DEPENDENCE OF THE HEAT CAPACITY OF INULIN AND HEVEIN
NP-P7	Ana R. Ćirić, Miodrag N. Mitrić, Vladimir D. Dobričić, Ljiljana M. Đekić INFLUENCE OF DRYING METHOD ON CHITOSAN/XANTHAN POLYELECTROLYTE COMPLEX CHARACTERISTICS
NP-P8	Ana R. Ćirić, Ljiljana M. Đekić <i>IN VITRO</i> CHARACTERIZATION OF REHYDRATION PROCESS AND DISSOLUTION OF IBUPROFEN FROM CHITOSAN/XANTHAN POLYELECTROLYTE COMPLEX BASED DRUG DELIVERY SYSTEMS
NP-P9	Jelena D. Nakomčić , Tamara S. Zadrija THE EFFICIENCY OF ZINC SUPPLEMENTATION
NP-P10	Suzana Lj. Apostolov , Đendi Đ. Vaštag, Borko M. Matijević, Gorana S. Mrđan <i>IN SILICO</i> STUDY OF THE BIOLOGICAL POTENTIAL OF THE SELECTED AMIDE DERIVATIVES
NP-P11	Dušica J. Popović, Kosta J. Popović, Dušan Lalošević, Jovan K. Popović , Ivan Čapo, Dejan Miljković REACTION OF INOCULATED CANCERS ON NITRIC OXIDE HYPERPRODUCTION, GLUCOSE ENERGY, FOLATE AND VITAMIN B12 INHIBITION IN YOUNG HAMSTERS
NP-P12	Kosta J. Popović , Dušica J. Popović, Dušan Lalošević, Jovan K. Popović, Ivan Čapo, Dejan Miljković FOLATE, VITAMIN B12, GLUCOSE ENERGY DEFICIENCY AND NITRIC OXIDE OVERPRODUCTION INHIBITORY EFFECTS ON FIBROSARCOMA IN ADULT HAMSTERS



NP-P13	<p>Nikola B. Jojić, Aleksandra I. Jovanović Galović, Nataša M. Jovanović Lješković, Slobodan B. Gigov, Milan D. Ilić, Senka S. Vidović, Jelena Z. Vladić, Vesna V. Kojić, Dimitar S. Jakimov</p> <p>POTENTIAL FOR USE OF VINE SHOOTS EXTRACT IN PHARMACEUTICALINDUSTRY</p>
NP-P14	<p>Zorica O. Mrkonjić, Aleksandra I. Jovanović Galović, Nataša M. Jovanović Lješković, Mire F. Zloh Senka S. Vidović, Jelena Z. Vladić, Milan D. Ilić, Manda I. Dizdar, Vesna V. Kojić, Dimitar S. Jakimov</p> <p>CHEMICAL COMPOSITION AND CYTOTOXICITY OF <i>HELICHRYSUM ITALICUM</i> EXTRACT GROWN IN URBAN CONDITIONS</p>
NP-P15	<p>Zorica O. Mrkonjić, Marija D. Jolić, Marina D. Kalić, Manda I. Dizdar, Aleksandra I. Jovanović Galović</p> <p>ANTIOXIDANT ACTIVITY OF <i>MELISSA OFFICINALIS</i> EXTRACTS</p>
NP-P16	<p>Jelena D. Bajac, Branislava G. Nikolovski, Ivana S. Lončarević, Jovana S. Petrović, Lidija B. Petrović, Branimir M. Bajac</p> <p>MICROENCAPSULATION OF JUNIPER BERRY ESSENTIAL OIL (<i>JUNIPERUS COMMUNIS</i> L.)</p>
NP-P17	<p>Tea Sedlar, Jelena Čakarević and Ljiljana Popović</p> <p>PRODUCTION OF FUNCTIONAL PROTEIN ISOLATES FROM VEGETABLE BY-PRODUCTS</p>
NP-P18	<p>Milan D. Ilić, Jelena Č. Živković, Katarina P. Šavikin, Zorica O. Mrkonjić, Nikola B. Jojić, Nataša M. Lješković, Slobodan B. Gigov, Nebojša R. Menković</p> <p>CHEMICAL PROFILING OF WINES OBTAINED FROM AUTOCHTHONOUS GRAPE VARIETY PROKUPAC</p>
NP-P19	<p>Zorica Drinić, Jelena Vladić, Senka Vidović, Anamarija Koren, Biljana Kiproviski, Nadežda Stojanov, Tijana Zeremski</p> <p>ULTRASOUND-ASSISTED EXTRACTION OF CANNABIDIOL AND Δ9-TETRAHYDROCANNABINOL FROM CANNABIS AREAL PARTS AND PROCESS MODELING</p>
NP-P20	<p>Jelena R. Mudrić, Teodora R. Janković, Katarina P. Šavikin, Svetlana R. Ibrić, Jelena D. Đuriš</p> <p>OPTIMIZATION OF EXTRACTION OF PHENOLICS FROM <i>GENTIANA LUTEA</i> ROOT</p>
NP-P21	<p>Ljubica M. Grbović, Ksenija J. Pavlović, Bojana R. Vasiljević, Sofija S. Bekić, Maja A. Marinović, Edward T. Petri, Anđelka S. Čelić</p> <p>MICROWAVE-ASSISTED SYNTHESIS OF BILE ACID DERIVATIVES AS POTENTIAL LIGANDS OF GLUCOCORTICOID RECEPTOR AND ALDO-KETO REDUCTASE (AKR1C)</p>
NP-P22	<p>Dejan M. Ćirin, Veljko S. Krstonošić, Maja Lj. Milanović</p> <p>SYNERGISM IN MIXED MONOLAYERS OF POLOXAMER 407 AND POLYSORBATES</p>



NP-P23	Violeta Turcuş , Viviane B. Bota, Elisabeta Chişe, Endre Mathe, Neli Olah <i>IN VITRO</i> TECHNIQUES FOR <i>DROSERA ROTUNDIFOLIA</i> SPECIES FOR FUTURE USE IN THE PHARMACEUTICAL FIELD
NP-P24	Gordana Švonja Parezanović , Mladena Lalić-Popović, Svetlana Goločorbin-Kon, Nemanja Todorović, Nebojša Pavlović, Jelena Jovičić-Bata THE EFFECT OF MAGNESIUM STEARATE AND SODIUM STARCH GLYCOLATE ON POWDER FLOWABILITY
NP-P25	Jelena Čanji , Nemanja Todorović, Katarina Jeremić, Nebojša Pavlović, Svetlana Goločorbin-Kon, Jelena Jovičić Bata, Mladena Lalić-Popović EXPOSURE OF PATIENTS TO SODIUM FROM EFFERVESCENT DOSAGE FORMS
NP-P26	Ivan M. Savić , Ivana M. Savić-Gajić OIL EXTRACTION FROM PLUM SEEDS (<i>PRUNI DOMESTICAE</i> L.)
NP-P27	Sanja D. Belić , Marija B. Petrin Miličević, Nataša Radosavljević-Stevanović, Milan B. Vraneš, Aleksandar S. Tot, Snežana M. Papović, Slobodan B. Gadžurić INVESTIGATION OF VOLUMETRIC AND VISCOMETRIC PROPERTIES OF ECSTASY IN AQUEOUS SOLUTIONS
NP-P28	Marta Maras, Valentina Kruk, Sanja Radman, Verica Dragović-Uzelac, Danijela Bursać Kovačević GREEN RECOVERY OF POLYPHENOLS FROM NETTLE LEAVES (<i>URTICA DIOICA</i> L)
NP-P29	Valentina Kruk , Marijana Jurković, Maja Repajić, Ivanka Žutić, Verica Dragović-Uzelac , Zoran Zorić THE INFLUENCE OF ULTRASOUND ASSISTED EXTRACTION ON THE ISOLATION OF BIOACTIVE COMPOUNDS FROM NETTLE LEAVES
NP-P30	Vesna V. Lazić , Jovana Đ. Vunduk, Jelena Z. Vladić, Senka S. Vidović, Anita S. Klaus ANTIADHESIVE AND ANTIBIOFILM POTENTIAL OF SUBCRITICAL WATER EXTRACTS DERIVED FROM MUSHROOM <i>INONOTUS OBLIQUUS</i>
NP-P31	Snežana Filip , Ana Vidaković, Aleksandra Ranitović, Saša Đurović, Stevan Blagojević, Zoran Zeković ANTIMICROBIAL ACTIVITY OF <i>MACLURA POMIFERA</i> DRY EXTRACTS
NP-P32	Marija Radojković , Milena Vujanović, Gökhan Zengin, Tatjana Majkić, Ivana Beara, Saša Đurović, Zoran Zeković FREEZE DRIED BERRIES AS SOURCE OF NUTRITIONALLY VALUABLE COMPOUNDS



NP-P33	<p>Silvija Šafranko, Martina Jakovljević, Senka Vidović, Stela Jokić COMPARISON OF THE EFFICIENCY OF DIFFERENT METHODS FOR HESPERIDIN AND NARIRUTIN EXTRACTION FROM ORANGE PEEL</p>
NP-P34	<p>Edhem Hasković, Safija Herenda, Zehra Halilović, Denis Hasković, Ena Deljkić EFFECT OF ANTIHISTAMINE (LORATADINE) TO ACTIVITY OF CATALASE <i>IN VITRO</i></p>
NP-P35	<p>Živan Mrkonjić, Nemanja Teslić, Zoran Zeković, Branimir Pavlić MULTI-RESPONSE OPTIMIZATION OF POLYPHENOLS RECOVERY FROM <i>THYMUS SERPYLLUM</i> BY ULTRASOUND-ASSISTED EXTRACTION</p>
NP-P36	<p>Milica G. Aćimović, Jovana Stanković, Mirjana Cvetković, Vele Tešević, Marina Todosijević, Biljana Kiprovska, Vladimir Sikora CHEMICAL COMPOSITION OF <i>SANTOLINA CHAMAECYPARISSUS</i> L. FLOWER ESSENTIAL OIL</p>
NP-P37	<p>Aleksandra Gavarić, Senka Vidović, Jelena Vladić, Jelena Čakarević, Ljiljana Popović VALORISATION OF HOREHOUND EXTRACTS OBTAINED USING ULTRASOUND AND MICROWAVE ASSISTED EXTRACTION: ANTI-HYPERGLYCAEMIC ACTIVITY</p>
NP-P38	<p>Jelena Čakarević, Tea Sedlar, Ljiljana Popović PROTEIN HYDROLISATES FROM FOOD BY-PRODUCTS AS NEW ANTI-DIABETIC COMPOUNDS</p>
NP-P39	<p>Jelena V. Živković, Slavica M. Sunarić, Marko S. Denić, Vesna Lj. Savić, Milica I. Stanković, Katarina B. Bačević <i>IN SILICO</i> PHARMACOKINETIC AND TOXICOLOGICAL ANALYSIS OF BENZOXAZOLES AS ANTIMICROBIAL AGENTS</p>
NP-P40	<p>Katarina D. Jeremić, Neda S. Gavarić, Nebojša V. Kladar, Milica G. Aćimović, Nemanja B. Todorović, Maja D. Hitl, Biljana N. Božin QUALITY CONTROL AND COUMARIN CONTENT DETERMINATION OF CINNAMON SAMPLES FROM THE SERBIAN MARKETS</p>
NP-P41	<p>Branimir Pavlić, Aleksandar Radivojac, Saša Đurović, Živan Mrkonjić, Zoran Zeković ISOLATION OF ESSENTIAL OIL FROM ORGANIC <i>MENTHA PIPERITA</i> L. BY EMERGING EXTRACTION AND DISTILLATION TECHNIQUE</p>
NP-P42	<p>Marinela Nutrizio, Jelena Vladić, Aleksandra Gavrić, Anet Režek Jambrak, Senka Vidović EXTRACTION OF WILD THYME (<i>THYMUS SERPYLLUM</i> L.): SUPERCRITICAL CO₂ VS. CONVENTIONAL EXTRACTION METHODS</p>



NP-P43	Uroš Čakar , Aleksandar Petrović, Boris Pejin, Vlatka Vajs, Brižita Đorđević PHENOLIC PROFILE AND ANTIOXIDANT PROPERTIES OF STRAWBERRY WINE
NP-P44	Gorana Puača , Jelena Srbinov, Vesna Tepavčević, Zita Farkas-Agatić, Mihalj Poša IONIZATION BEHAVIOR OF URSODEOXYCHOLIC AND DEOXYCHOLIC ACID IN THE BINARY MIXED MICELLES WITH NONIONIC SURFACTANT TWEEN 60
NP-P45	Mejra Bektašević , Olivera Politeo, Ivana Carev CHEMICAL COMPOSITION OF <i>CLINOPODIUM VULGARE</i> L. EXTRACTS AND THEIR ANTIOXIDANT AND CHOLINESTERASE INHIBITION POTENTIAL
NP-P46	Vanja Šregelj , Steva Lević, Jelena Vulić, Ana Kalušević, Jasna Čanadanović-Brunet, Gordana Četković, Viktor Nedović, Vesna Tumbas Šaponjac ENCAPSULATION OF B-CAROTENE FROM CARROT WASTE BY EXTRUSION TECHNIQUE
NP-P47	Ksenija Bibovski , Vanja Šregelj, Jelena Vulić, Gordana Četković, Jasna Čanadanović-Brunet, Vesna Tumbas Šaponjac, Slađana Stajčić PHYTOCHEMICALS CONTENT AND BIOACTIVITY OF PEACH POMACE
NP-P48	Jelena Vladić , Aleksandra Gavarić, Stela Jokić, Ljiljana Popović, Ana Matias, Naiara Fernández Hernández, Alexandre Agostinho, Senka Vidović COLD PRESSING VS. SUPERCRITICAL CO ₂ EXTRACTION OF PLUM (<i>PRUNUS DOMESTICA</i> L.) KERNEL SEED
NP-P49	Abdulahkim B. Naffati , Senka Vidović, Jelena Vladić SPRAY DRYING OF LIQUID EXTRACT OBTAINED FROM <i>A. UVA URSI</i> HERBAL DUST
NP-P50	Senka Vidović , Anita Vakula, Rita Ambrus, Jelena Vladić, Gabor Katona, Nataša Nastić EFFECT OF DIFFERENT SPRAY DRYING CONDITIONS ON MICROMETRIC AND STRUCTURAL CHARACTERISTICS OF BRINE OBTAINED FROM CABBAGE FERMENTATION
NP-P51	Šavikin P. Katarina , Zdunić, M. Gordana, Teodora, R. Janković, Jelena, Č. Živković, Dubravka, J. Bigović, Nebojša, R. Menković WILD GROWING AND CULTIVATED POMEGRANATE: CHEMICAL PROFILING OF JUICES
NP-P52	Maria J. Fernandes, Manuela M. Moreira, Diogo Dias, Maria Bernardo, Manuela Carvalho, Nuno Lapa, Isabel Fonseca, Simone Morais, Sónia Figueiredo, Cristina Delerue-Matos MICROPOLLUTANT REMOVAL FROM WATER THROUGH BIOCHAR ADSORBENTS


LECTURE SESSION
10.10.2019. Classroom 10, 15:00 – 16:00
Chair of the Session: Dragan Govedarica

PRP-PL1 15:00-15:30	Dmitry F. Grishin , Elena V. Kolyakina, Marina V. Pavlovskaya SYNTHESIS OF COLD FLOW ADDITIVES TO ECOLOGICAL PURE DIESEL FUEL BY METHODS OF CONTROLLED RADICAL POLYMERIZATION	Plenary lecture
PRP-OL1 15:30-15:45	Dragan Govedarica PETROLEUM REFINING IN SERBIA: INVESTMENTS, DEVELOPMENT PROJECTS AND ACTIVITIES	Oral presentation
PRP-OL2 15:45-16:00	Hassan Al-Homigany Hassan Al-Homigany, Mirjana Bulić, Anatoly Zolotukhin, Slavko Nešić, Vlada Streletskaia, Predrag Kojić, Dragan Govedarica DEMULSIFICATION OF WATER-IN-CRUDE OIL EMULSIONS USING NEURAL NETWORKS	Oral presentation


POSTER SESSION 10.10.2019. PRP-P1 - PRP-P11
Hall of Faculty of Technology Novi Sad and Hall of Faculty of Agriculture 17:30 – 19:00

PRP-P1	Miroslav P. Crnogorac , Dušan Š. Danilović, Vesna D. Karović Maričić, Lola D. Tomić AN OVERVIEW OF ARTIFICIAL LIFT SELECTION METHODS WITH CASE OF SELECTION USING MULTI-CRITERIA DECISION-MAKING METHODS
PRP-P2	Tijana Čarapić, Sandra B. Glišić RENEWABLE JET FUEL PRODUCTION FROM VEGETABLE OIL: ASPEN SIMULATION AND TECHNO-ECONOMIC STUDY



PRP-P3	Julijana Blagojević , Predrag Kojić, Jelena Pavličević, Olga Govedarica, Mirjana Jovičić, Oskar Bera, Dragan Govedarica EFFECT OF EXTENDER OIL NATURE ON THE RUBBER CROSSLINK DENSITY
PRP-P4	Ali Younes Nagi Mosbah, Predrag Kojić , Oskar Bera, Olga Govedarica, Radovan Omorjan, Dragan Govedarica STRUCTURE-BASED MODELS FOR THE PREDICTION OF FLASH POINT OF MULTI-COMPONENT FUEL MIXTURES
PRP-P5	Sandra B. Glišić , Aleksandar M. Orlović SIMULATION AND MODELLING OF AN INDUSTRIAL HYDROTREATING PROCESS USING VACUUM AND LIGHT GAS OIL - IMPACT OF CATALYST WETTING EFFICIENCY AND HYDRODEAROMATISATION REACTION KINETIC'S TYPE
PRP-P6	Dragana Prokić-Vidojević, Sandra B. Glišić , Aleksandar M. Orlović SYNTHESIS OF Re/Pd AND Co/Mo HETEROGENEOUS CATALYSTS ON MESOPOROUS SILICA USING SOL-GEL METHOD FOLLOWED BY SUPERCRITICAL DRYING WITH EXCESS SOLVENT
PRP-P7	Slavko Nešić , Dragan Govedarica, Konstantin Pivovarov, Anatoly Zolotukhin, Vlada Streletskaya ADVANCED OIL AND GAS PRODUCTION AND PROCESSING TECHNOLOGIES FOR ARCTIC CONDITIONS
PRP-P8	Milka Jelić , Marija Stjepanović CRUDE OIL MONITORING CHALLENGES IN MODERN REFINERY
PRP-P9	Branislava G. Nikolovski , Svetlana R. Kuzminac, Nevena B. Blagojević, Jelena D. Bajac, Biljana Miljković, Spasojević Đ. Momčilo, Milan N. Sovilj ASPEN HYSYS SIMULATION OF NATURAL GAS DEHYDRATION PROCESS
PRP-P10	Aleksandar Kekić , Milana Đuričić, Milana Berber, Predrag Kojić, Julijana Blagojević, Dragan Govedarica TESTING OF EXPLOITATION PROPERTIES OF HYPOID OIL
PRP-P11	Alexander V. Knyazev , Valentina F. Zanozina, Anastasia S. Shipilova, Svetlana S. Knyazeva NEW APPROACHES TO THE THIN-LAYER CRACKING OF ACID TARS



LECTURE SESSION 1

11.10.2019. Rectorate of the University of Novi Sad, 11:30 – 13:15
 Chairs of the Session: Luisa Gouveia and Nataša Đurišić Mladenović

SDCE-PL1 11:30-12:00	Francisco G. Acién Fernández , Cintia Gómez Serrano, Jose M. Fernández Sevilla, Emilio Molina Grima LAST ADVANCES ON THE LARGE SCALE PRODUCTION OF BIOACTIVE COMPOUNDS FOR AGRICULTURE AND AQUACULTURE FROM MICROALGAE	Plenary lecture
SDCE-IL1 12:00-12:30	Raúl Muñoz BIOLOGICAL CONVERSION OF GREENHOUSE GASES INTO ADDED VALUE BIO-PRODUCTS: MOVING TOWARDS GHG BIOREFINERIES	Invited lecture
SDCE-OL1 12:30-12:45	Michail Syrpas , Jolita Bukauskaitė, Loreta Bašinskienė, Petras Rimantas Venskutonis DEVELOPMENT OF WILD CYANOBACTERIAL BIOMASS (APHANIZOMENON FLOS-AQUAE) BIOREFINING SCHEMES	Oral presentation
SDCE-OL2 12:45-13:00	J. Molnar Jazić , M. Kragulj Isakovski, A. Tubić, T. Apostolović, M. Watson, S. Maletić, J. Agbaba REMOVAL OF NATURAL ORGANIC MATTER AND EMERGING CONTAMINANTS FROM GROUNDWATER USING OZONATION AND GAC FILTRATION	Oral presentation



LECTURE SESSION 2

11.10.2019. Rectorate of the University of Novi Sad, 14:00 – 16:30
 Chairs of the Session: Cecilia Hodúr and Oskar Bera

SDCE-OL3 14:00-14:15	Alice Ferreira, Sofia Carapinha, Jelena Vlastic, Senka Vidovic, Dragoljub Cvetkovic, Lusine Melkonyan, Gayane Avetisova, Luisa Gouveia TINY MICROALGAE FOR HUGE APPLICATIONS. BIOREFINERY APPROACH	Oral presentation
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SDCE-OL4 14:15-14:30	Naoufal Bellahsen , Virág Nagypál, Edit Mikó, Zita Šereš, Szabolcs Kertész, Cecilia Hodúr REMOVAL AND RECOVERY OF AMMONIUM FROM MILKING PARLOUR WASTEWATER USING POMEGRANATE PEEL	Oral presentation
SDCE-OL5 14:30-14:45	Dragana Mladenović , Aleksandra Djukić-Vuković, Jelena Pejcin, Sunčica Kocić-Tanackov, Ljiljana Mojović PRODUCTION OF L (+) LACTIC ACID FROM CORN HUSK HYDROLYZATE	Oral presentation
SDCE-OL6 14:45-15:00	Biljana Isić A WASTEWATER TREATMENT PLANT IN SUBOTICA	Oral presentation
SDCE-OL7 15:00-15:15	Svetlana S. Popović MITIGATION OF MEMBRANE FOULING BY APPLICATION OF TURBULENCE PROMOTERS	Oral presentation
SDCE-OL8 15:15-15:30	Jelena D. Lubura , Predrag S. Kojić, Dragan D. Govedarica, Jelena M. Pavličević, Bojana B. Ikonić, Mirjana C. Jovičić, Oskar J. Bera A NEW APPROACH FOR MODELLING AND OPTIMIZATION OF RUBBER CURING PROCESS	Oral presentation
SDCE-OL9 15:30-15:45	Milan M. Petrov THERMOCHEMISTRY ASPECTS OF MECHANOCHEMISTRY ACTIVATION OF THE FLOTATION PROCESSES	Oral presentation
SDCE-OL10 15:45-16:00	Ferenc E. Kiss HOW LCA DAMPENED THE ENTHUSIASM OF FORMER BIOFUEL ADVOCATES?	Oral presentation
SDCE-OL11 16:00-16:15	Tzvetelin K. Gueorguiev HOW RISK MANAGEMENT STANDARDS CAN CONTRIBUTE TO ACHIEVING SUSTAINABLE DEVELOPMENT GOALS	Oral presentation

SDCE-OL12
16:15-16:30

Vladan Joldžić
 MAJOR ENVIRONMENTAL LAW ASPECTS OF SUSTAINABLE DEVELOPMENT

Oral
 presentation



POSTER SESSION 10.10.2019. SDCE-P1-P38
 Hall of Faculty of Technology Novi Sad and Hall of Faculty of Agriculture 17:30 – 19:00

SDCE-P1

Dragana V. Kukić, **Marina B. Šćiban**, Vesna V. Vasić, Jelena M. Prodanović
 THERMODYNAMICS STUDIES OF COPPER AND CHROMIUM(VI) IONS ONTO SUGAR BEET
 SHREDS AS ADSORBENTS

SDCE-P2

Marija Banožić, Tanja Gagić, Željko Knez, Mojca Škerget, Stela Jokić
 SUPERCRITICAL CO₂ EXTRACTION OF TOBACCO WASTE

SDCE-P3

Milan N. Sovilj, **Momčilo Đ. Spasojević**, Branislava G. Nikolovski
 HYDRODYNAMICS OF ROTATING DISC CONTACTOR EXTRACTION COLUMNS

SDCE-P4

Vesna S. Gvoić, Miljana Đ. Prica, Đurđa V. Kerkez, Milena Đ. Bečelić-Tomin, Aleksandra Z. Kulić,
 Anita S. Leovac Mačerak, Božo D. Dalmacija
 OXIDATIVE DEGRADATION OF CYAN FLEXO DYE WITH HETEROGENEOUS
 FENTON REAGENT - Fe₂(MoO₄)₃ PARTICLE

SDCE-P5

Dragana V. Kukić, Vesna V. Vasić, Marija M. Milanović, Ivan Lj. Stijepović, Marina B. Šćiban,
 Jelena M. Prodanović
 PRELIMINARY STUDY OF CHROMIUM(VI) IONS ADSORPTION ON BOEHMITE

SDCE-P6

Zorica M. Podrašćanin
 USING ERA5 DATA FOR ESTIMATION OF THE WIND ENERGY POTENTIAL IN SERBIA

SDCE-P7

Bojana B. Ikonić, Jelena M. Pavličević, Oskar J. Bera, Aleksandar I. Jokić, Predrag S. Kojić,
 Arpad I. Kiralj, Nataša Lj. Lukić
 OPTIMIZATION OF STARCH SUSPENSION MICROFILTRATION PROCESS – ANN APPROACH

SDCE-P8

Martina Jakovljević, Melita Lončarić, Mario Komar, Maja Molnar
 VISCOSITY AND pH DETERMINATION OF CHOLINE CHLORIDE BASED DEEP EUTECTIC SOLVENTS
 CONTAINING AMIDES



SDCE-P9	Hunor Farkaš, Jog Raj , Robert Čepela, Zdenka Jakovčević, Jasna Bošnjak-Neumüller, Marko Vasiljević AFB1 AND FUMONISIN B1 ADSORPTION AND DESORPTION USING ZEOLITES
SDCE-P10	Maja Brborić , Borivoj Stepanov, Jelena Radonić, Maja Turk Sekulić DANUBE SEDIMENT CONTAMINATION WITH POLYCHLORINATED BIPHENYLS: NEW INTERPRETATION OF SEDIMENT QUALITY ASSESSMENT
SDCE-P11	Natalija G. Đorđević, Bojana R. Danilović, Vlada B. Veljković, Dragiša S. Savić THE USE OF GREEN SOLVENTS IN A PRE-TREATMENT OF LIPIDS EXTRACTION FROM GREEN MICROALGAE <i>CHLORELLA SP.</i>
SDCE-P12	Arpad I. Kiralj , Aleksandar I. Jokić, Nataša Lj. Lukić, Jovana A. Grahovac, Bojana B. Ikonić, Jelena M. Pavličević, Svetlana S. Popović ECONOMIC FEASIBILITY OF AIR SOURCE HEAT PUMPS FOR RESIDENTIAL BUILDINGS IN VOJVODINA
SDCE-P13	Biljana S. Đorđević , Zoran B. Todorović, Ivica G. Đalović, Dragan Z. Troter, Petar M. Mitrović, Vlada B. Veljković DETERMINATION OF THE TOTAL ANTIOXIDANT CAPACITY OF BLACK MUSTARD SEEDS (<i>BRASSICA NIGRA</i>) EXTRACTS OBTAINED BY DIFFERENT DEEP EUTECTIC SOLVENTS
SDCE-P14	Olga M. Govedarica , Milovan R. Janković, Snežana V. Sinadinović-Fišer, Nevena R. Vukić, Ljiljana M. Tanasić, Vesna B. Teofilović, Ljiljana S. Korugic-Karasz KINETICS OF THE EPOXIDATION OF LINSEED OIL WITH IN SITU FORMED PERACETIC ACID
SDCE-P15	Kapilkumar Nivrutti Ingle ECOLOGICAL RISK MANAGEMENT WITH INTEGRATED MULTI-TROPIC AQUACULTURE APPROACH FOR MARINE ENERGY PROJECTS IN INDIA
SDCE-P16	Katarina Pantović Spajić , Dragana Đorđević, Sanja Sakan, Tatjana Šoštarić, Zorica Lopičić, Aleksandra Janičijević, Ksenija Stojanović COMPARISON OF EXTRACTION AGENTS FOR METAL DETERMINATION IN SEDIMENTS FROM ARTIFICIAL LAKES AND RIVERS IN SERBIA
SDCE-P17	Vesna Ž. Pešić , Milena R. Bečelić-Tomin, Đurđa V. Kerkez, Dejan M. Krčmar, Božo D. Dalmacija, Snežana P. Maletić ASSESSMENT OF THE IMPACT OF WASTE WATER DISPOSAL ON THE BEGEJ
SDCE-P18	Jelena T. Petrović , Marija L. Mihajlović, Marija S. Petrović, Marija M. Kojić, Marija R. Koprivica, Tatjana Šoštarić, Leosava Filipović-Petrović FUEL POTENTIAL AND PROPERTIES OF GRAPE POMACE HYDROCHAR

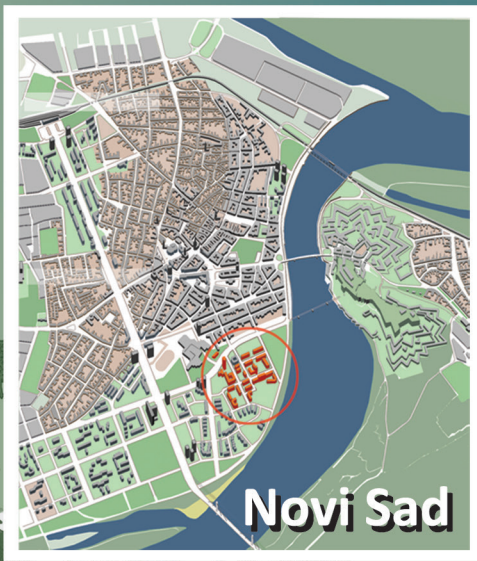


SDCE-P19	Maja I. Jovović , Aleksandar I. Jokić, Svetlana S. Popović, Zita I. Šereš, Biljana S. Pajin, Bojana B. Ikonić, Nataša Lj. Lukić INFLUENCE OF KENIX STATIC MIXER ON THE FLUX IMPROVEMENT IN THE MICROFILTRATION OF INDUSTRIAL WASTEWATER
SDCE-P20	Olivera S. Stamenković , Petar M. Mitrović, Ivica G. Đalović, Milan D. Kostić, Vlada B. Veljković STATISTICAL OPTIMIZATION OF THE CORN GERM OIL METHANOLYSIS CATALYZED BY POTASSIUM HYDROXIDE
SDCE-P21	Milan D. Kostić , Petar M. Mitrović, Ivica G. Đalović, Olivera S. Stamenković, Vlada B. Veljković KINETIC MODELING OF CORN GERM OIL METHANOLYSIS USING CORN COBS ASH AS A CATALYST
SDCE-P22	Marija R. Miladinović , Ivana B. Banković-Ilić, Olivera S. Stamenković, Ivica G. Đalović, Petar M. Mitrović, Vlada B. Veljković FATTY ACID METHYL ESTER SYNTHESIS FROM OIL BLENDS
SDCE-P23	Damjan G. Vučurović , Mirjana I. Jovanović, Bojana Ž Bajić, Siniša N. Dodić ENHANCEMENT AND COMPARISON OF SUBMERGED AND SOLID-STATE AMYLASE PRODUCTION FROM WHEAT CHAFF BY STATISTICAL OPTIMIZATION
SDCE-P24	Srđan Stanković, Tatjana Šoštarčić , Mladen Bugarčić, Aleksandra Janičijević, Katarina Pantović-Spajić, Zorica Lopičić ADSORPTION OF Cu(II) IONS FROM SYNTHETIC SOLUTION BY SUNFLOWER SEED HUSKS
SDCE-P25	Milica S. Hadnadjev-Kostić , Tatjana J. Vulić, Jasmina M. Dostanić INVESTIGATION OF PHOTOCATALYTIC PROPERTIES OF ZnFe-MIXED OXIDES
SDCE-P26	Szabolcs Kertész , Nikola Maravić, Szabolcs Gyula Szerencsés, Gábor Veréb, Sándor Beszédes, Zsuzsanna László, Cecilia Hodúr REDUCTION OF FOULING IN DAIRY WASTEWATER ULTRAFILTRATION PROCESS
SDCE-P27	Milica Rankov Šicar, Radoslav Mičić, Milan Tomić, Nataša Đurišić-Mladenović EFFECTS OF COMMERCIAL ANTIOXIDANT FORMULATIONS ON OXIDATIVE STABILITY OF FATTY ACID METHYL ESTERS FROM DIFFERENT RAW MATERIALS
SDCE-P28	Marija B. Tasić , Milan D. Kostić, Olivera S. Stamenković, Vlada B. Veljković HEMP BIODIESEL PRODUCTION: ANALYSIS OF MATERIAL AND ENERGY CONSUMPTION ON INDUSTRIAL SCALE



SDCE-P29	Mihály Zakar , Zita Šereš, Erika Hanczné-Lakatos, Gábor Keszthelyi-Szabó, Zsuzsanna László PURIFICATION OF DAIRY WASTEWATER COMBINING MEMBRANE FILTRATION WITH OZONE AND FENTON PRETREATMENTS
SDCE-P30	Borislav Malinović, Tijana Djuričić , Duško Zorić CORROSION BEHAVIOUR OF STAINLESS STEEL EN 1.4301 IN 0.5 M HCl IN PRESENCE OF COMMERCIAL INHIBITOR
SDCE-P31	Mersiha Suljkanović , Jasmin Suljagić, Nusreta Hasić, Selmina Hodžić CLOUD POINT EXTRACTION PROCEDURE FOR PRECONCENTRATION AND DETERMINATION OF LEAD(II) IONS USING TRITON X-100 AT ROOM TEMPERATURE
SDCE-P32	Jovana D. Gucunski , Bojana Ž. Bajić, Damjan G. Vučurović, Siniša N. Dodić INTEGRATION OF FIRST AND SECOND GENERATION BIOETHANOL PRODUCTION FROM BY-PRODUCTS OF SUGAR BEET PROCESSING
SDCE-P33	Jelena Avdalović , Mila Ilić, Srđan Miletić, Vladimir Beškoski, Nikoleta Lugonja, Jelena Milić, Miroslav M. Vrvčić INVESTIGATION OF HUMIC ACIDS EVOLUTION DURING EX SITU BIOREMEDIATION OF PETROLEUM CONTAMINATED SOIL
SDCE-P34	Maja, M.I., Ižaković , Katica, K.T., Teskera, Matea, M.B. Begić, Tihana, T.M., Marček WHEAT SEEDLINGS UNDER OF SALINITY STRESS
SDCE-P35	Biljana D. Škrbić , Igor S. Antić, Maja B. Buljovčić, Jelena R. Živančev USE OF SEQUENTIAL EXTRACTION TO ASSESS METAL PARTITIONING IN FLOODED AGRICULTURAL SOIL
SDCE-P36	Sandra Budžaki , Marta Ostojčić, Ivica Strelec BIOCATALYTIC BIODIESEL SYNTHESIS WITH BURKHOLDERIA CEPACIA AND PSEUDOMONAS FLUORESCENS LIPASE
SDCE-P37	Marija Milanović , Milica Hadnađev-Kostić SOLAR-LIGHT PHOTOCATALYTIC ACTIVITY OF $ZnFe_2O_4$ NANOPARTICLES
SDCE-P38	N. Gulyás, Z. Jákói, V. Nagypál, C. Hodúr MODELING OF ULTRAFILTRATION WITH DIFFERENT FOULING MECHANISMS

University of Novi Sad CAMPUS MAP



- 1** Rectorate of the University of Novi Sad
- 2** Faculty of Technology Novi Sad

1st International Conference on Advanced Production and Processing 10th-11th October 2019, Novi Sad, Serbia



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Dr Zorana Đinđića 1, 21000 Novi Sad, Serbia



Faculty of Technology Novi Sad
Bulevar cara Lazara 1, 21000 Novi Sad, Serbia



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