



International Conference
on Advanced Production and Processing

**2nd International Conference
on Advanced Production and Processing
20th-22nd October 2022
Novi Sad, Serbia**

CONFERENCE CHAIRMAN

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Dean of the Faculty of Technology Novi Sad

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- Professor Radmila Marinković Nedučin,
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- Professor Jasna Čanadanović–Brunet,
highest cited professor at Faculty of Technology
Novi Sad, University of Novi Sad, Serbia

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- Nataša Nastić, Research Associate
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- Jelena Tanasić, Research Assistant
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- Julijana Blagojević, Teaching Assistant
- Jelena Škrbić, Research Trainee
- Sonja Stojanov, Research Trainee



- Prof. Viktor Nedović, Faculty of Agriculture, University of Belgrade, Serbia
- Prof. Zorica Knežević-Jugović, Faculty of Technology and Metallurgy, University of Belgrade, Serbia
- Anamarija Mandić, Principal Research Fellow, Institute of Food Technology in Novi Sad, University of Novi Sad, Serbia
- Prof. Verica Dragović-Uzelac, Faculty of Food Technology and Biotechnology, University of Zagreb, Croatia
- Prof. Dragana Šoronja Simović, Faculty of Technology Novi Sad, University of Novi Sad, Serbia
- Prof. Sandra Budžaki, Faculty of Food Technology, Josip Juraj Strossmayer University of Osijek, Croatia
- Prof. Sonja Smole Možina, Biotechnical Faculty, University of Ljubljana, Slovenia
- Prof. Drago Šubarić, Faculty of Food Technology, Josip Juraj Strossmayer University of Osijek, Croatia
- Prof. Zsuzsanna László, Faculty of Engineering, University of Szeged, Hungary
- Prof. Aleksandra Tepić Horecki, Faculty of Technology Novi Sad, University of Novi Sad, Serbia
- Vesna Đorđević, Principal Research Fellow, Institute of Hygiene and Meat Technology, Belgrade, Serbia
- Prof. Małgorzata Korzenowska, Wrocław University of Environmental and Life Sciences, Poland
- Prof. Cecilia Hodúr, Faculty of Engineering, University of Szeged, Hungary
- Prof. Gordana Dimitrovska, Faculty of Biotechnical Sciences, University “St. Kliment Ohridski”, Bitola, Macedonia
- Prof. Borislav Malinović, Faculty of Technology, University of Banja Luka, Bosnia and Herzegovina
- Prof. Zoran Zeković, Faculty of Technology Novi Sad, University of Novi Sad, Serbia
- Prof. Ljijana Đekić, Faculty of Pharmacy, University of Belgrade, Serbia
- Prof. Predrag Putnik, Department of Food Technology, University of the North, Croatia
- Prof. Rita Ambrus, Inst. of Pharmaceutical Technology and Regulatory Affairs Faculty of Pharmacy, University of Szeged, Hungary
- Prof. Vlada Veljković, Corresponding Member of Serbian Academy of Sciences and Arts, Faculty of Technology in Leskovac, University of Niš, Serbia
- Perica Bošković, Assistant Professor, Faculty of Chemistry and Technology, University of Split, Croatia
- Prof. Olivera Stamenković, Faculty of Technology in Leskovac, University of Niš, Serbia
- Prof. Gülsün Akdemir Evrendilek, Bolu Abant İzzet Baysal University, Bolu, Turkey
- Marinella Farré, Principal Research Fellow, Institute of Environmental Assessment and Water Research, CSIC, Barcelona, Spain
- Prof. João Crespo, NOVA School of Science and Technology, Universidade Nova de Lisboa, Portugal
- Prof. Zoran Petrović, Full member of Serbian Academy of Sciences and Arts, Kansas Polymer Research Center, Pittsburg State University, Pittsburg, USA
- Prof. Vladimir Srdić, Corresponding member of Serbian Academy of Sciences and Arts, Faculty of Technology Novi Sad, University of Novi Sad, Serbia
- Prof. Branka Pilić, Faculty of Technology Novi Sad, University of Novi Sad, Serbia
- Branko Matović, Principal Research Fellow, Vinča Institute of Nuclear Sciences, University of Belgrade, Serbia,
- Prof. Ana Brás, Faculty of Engineering and Technology, Liverpool John Moores University, United Kingdom
- Lucretia Miu, Principal Research Fellow, National Research & Development Institute for Textile and Leather, Bucharest, Romania
- Polonca Ropret, Principal Research Fellow, Head of Research Institute at Institute for the Protection of Cultural Heritage of Slovenia, University of Ljubljana, Slovenia
- Prof. Alexander Knyazev, Chemical Faculty, Lobachevsky State University of Nizhni Novgorod, Russia
- Prof. Dmitry Grishin, Full member of Russian Academy of Sciences, Lobachevsky State University of Nizhni Novgorod, Russia
- Prof. Blaž Likozar, National Institute of Chemistry, Slovenia



International Conference
on Advanced Production and Processing

The 2nd International Conference on Advanced Production and Processing 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 1st International Conference on Advanced Production and Processing was held in 2019 with a motto “A Step Forward”.

The 2nd ICAPP, with a motto “Science Beyond Borders” 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 Conference will be the place for scientists and engineers to exchange thoughts and ideas regardless of country, age or position and that is exactly what this motto symbolizes.

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

The 3rd ICAPP will be organized in 2025 at the same institution.



PLENARY

Prof. **Costas Nikiforidis** is an associate professor of Biobased Soft Matter at the Biobased Chemistry and Technology Group of Wageningen University, The Netherlands. His research activities focus on the bio-sourcing of molecules and their use to create sustainable and functional soft materials. He is currently leading a team of 10 Ph.D. candidates, 1 postdoctoral researcher, and several undergraduate students. Dr Costas Nikiforidis has published over 60 peer-reviewed articles and has 1 patent. Lecture on: 3D Printable foods using plant-based jammed emulsions

Prof. **João G. Crespo**, Professor of Chemical Engineering at the School of Science and Technology – NOVA University of Lisbon, Portugal. Director of the Laboratory of Membrane Processes at iBET. Coordinator of the research centre LAQV at NOVA University of Lisbon (Sustainable Chemistry; the largest research centre in Portugal). Former Vice-Rector for Research and Innovation and former Coordinator of NOVA Doctoral School. Co-founder of the spin-off company “Zeyton Nutraceuticals”. Member of the Portuguese Academy of Engineering. Honorary member of the European Membrane Society. Research Keywords: Membrane materials and processes; Bioseparations; Water treatment and valorisation of bioresources; Process Monitoring using molecular probes. Lecture on: Membranes in bioprocessing

Marinella Farré, PhD, Principal Research Fellow at the Institute of Environmental Assessment and Water Research (IDAEA) belonging to the Spanish National Research Council (CSIC) (Spain) and one of the group leaders of the ON HEALTH research group. Her research focuses on the investigation of contaminants of emerging concern in the environment, food and humans, on the development and application of new analytical approaches by liquid and gas chromatography coupled to advanced mass spectrometry, as well as in the development and application of biological techniques, such as immunoassays and biosensors. Coordinator of the JPI-Water FOREWARN, and the national project IMAGE and she is IP in international projects EUROqCHARM, EXaMINA, TwiNSol-CECs, PARC and PROMISCES. Lecture on: The challenge of assessing contaminants of emerging concern in the environment

INVITED

Prof. **Ioannis Mourtzinou**, an Assistant Professor in Food Chemistry and Analysis in the Dept. of Food Science and Technology, School of Agriculture, Aristotle University of Thessaloniki. His research interests include the extraction and characterization of plants' bioactive ingredients, encapsulation of nutraceutical compounds and the study of antioxidants during heat treatment. He was the principal investigator in 8 research projects and he has three patents. Lecture on: Innovative techniques for the extraction and exploitation of bioactive ingredients in foods

Prof. **Danijela Bursać Kovačević**, a Professor of Chemistry and Technology of Fruits and Vegetables at the Faculty of Food Technology and Biotechnology, University of Zagreb (Croatia), project leader of the scientific project “Hurdle technology and 3D printing for sustainable fruit juice processing and preservation”. In 2021 she was awarded two valuable prizes for highly cited researchers who rank in the top 1% of citations for agricultural science in the Web of Science™. Lecture on: 3D-printing as a novel tool for functional foods production

Jasmina Nikić, PhD, is Research Associate at University of Novi Sad, Faculty of Sciences, in the field of Environmental Protection. Her scientific research is mainly focused on the material synthesis and their application in water treatment, with special emphasis on the removal of arsenic and heavy metals from water. She realized her scientific work through participation in several national and international projects. She is the co-author of more than 40 publications, of which 11 are papers in scientific journals of international importance. Lecture on: Magnetic nanoparticles: new generation adsorbents for arsenic removal

Prof. **Petar Vrgović**, an associate professor at the Faculty of Technical Sciences, University of Novi Sad. He is interested in researching human aspects of production processes: communication, conflict management, creativity management, and networking within open innovation. He is especially passionate about empowering SMEs in developing countries to collaborate, synergize, explore and utilize creative potentials in their employees, external partners, and customers. Lecture on: Co-creation as an effective tool for novel nutraceuticals development

Brankica Kartalović, PhD, a Research Associate at the Department of Toxicology, Drug and Residues Testing at the Scientific Veterinary Institute “Novi Sad”, Novi Sad, has 20 years of experience in determining food and feed safety by HPLC and GCMS instrumental methods. Main field of interest is development of methods for pesticides, antibiotics, PAHS and phthalates testing in food and feed, as well as development methods for sample preparation. Lecture on: How does the use of pesticides in protecting oil rape production affect bee health and safety of bee products?

Prof. **Daniela Korolija Crkvenjakov**, senior conservator and associate professor of conservation at the Academy of Arts, University of Novi Sad, Serbia, involved in different national and regional conservation projects, mainly related to the religious heritage of the 18th and 19th century. Her research interests are studies of artistic technology and the impact of the degradation to the visual appearance and conservation of artworks. Lecture on: Material science and cultural heritage – a fascinating world of archeometry, conservation science, and technical art history

Prof. **Alexander V. Knyazev**, Vice-Rector for Academic Affairs, Lobachevsky University, Nizhni Novgorod, Russia. Author of over 240 publications on Inorganic, Solid-State, Physical and Crystal Chemistry, Materials Science and Radiochemistry in ACS Inorganic Chemistry, Journal of Chemical Thermodynamics, Journal of Solid State Chemistry, Materials Chemistry and Physics, Journal of Raman Spectroscopy, etc., and three chapters in books of Nova Science Publishing. Lecture on: Educational and scientific methods in the oil and gas industry



Prof. **Ivica Strelec**, Full professor at the Faculty of Food Technology Osijek, Josip Juraj Strossmayer University of Osijek, Osijek, Croatia. Head of Department of Applied Chemistry and Technology. Deputy National Delegate in the International Association for Cereal Science and Technology (ICC). Coordinator of regional branch (Osijek) of the Croatian Society of Biochemistry and Molecular Biology (HDBMB). Scientific research oriented toward proteins and enzymes in various biological samples, food biochemistry and food waste utilization. Lecture on: A step toward complete utilization of eggshell waste

Marijana Kragulj Isakovski, PhD, employed at UNSPMF since 2007. Her research area is physical-chemical interactions in the environment with a focus on the fate of organic pollutants in the presence of carbon-based adsorbents. She published more than 40 publications in high-ranking journals. She is intensively included in the development and validation of analytical methods for organic pollutants using gas and liquid chromatography. She participated in more than 30 national and international projects which cover the topic related to environmental science and remediation technology. Lecture on: Carbon based materials as adsorbents for water treatment

Marijana Dragosavac is a Senior Lecturer in Chemical Engineering at Loughborough University and a Chief Scientific Officer at Micropore Technology. Her principal research brings together particle engineering, encapsulation and scalable membrane technology. Her focus is continuous manufacturing of high value particles including mRNA vaccines, micro/nano capsules containing living bacteria/cells and catalysts. As a PI and Co-I she secured over £4mil from funding bodies including EU Horizon 2020, EPSRC, and Innovate UK. Lecture on: HIGH VALUE PARTICLE MANUFACTURING from Cell to Drug Encapsulation and Delivery

Prof. **Sandra Balbino** has been working as a professor at the Faculty of Food Technology and Biotechnology, University of Zagreb since 2009. She is an expert in food plant design and has been involved in more than 30 industrial projects on optimization and planning of food production. She has participated in numerous scientific projects resulting in the publication of notable scientific papers, book chapters and presentations at scientific conferences. Her research interests focus on advanced techniques for extraction of lipophilic bioactives. Lecture on: Optimization of supercritical CO₂ extraction of lipophilic bioactive compounds: a case study on myrtle berries

INDUSTRY

Eleonora Božo-Zaboš, Quality and RDA manager, Biospringer RS, has 28 years of work experience in laboratory chemical and microbiological control, in RDA department and QA filed. Responsible for Quality Control of production, raw material and processing material as well as industrial and waste water, new product development, manage customer claims and complaints. Lecture on: Yeast extract – food of the future



Jelena Jurić, Quality Manager in the Barry Callebaut chocolate production factory is a professional with over 15 years managerial experience both in multinational and SME food production companies. Mainly focused in confectionery food technology. Areas of expertise: Quality management, Operations, Project management and Food Safety. Lecture on: Process of setting up Quality systems during a greenfield food production project

Vesna Jelenić, employed at Yuco-Hemija DOO Novi Sad since 2012. Hers current position is the Director of Research & Development of Cosmetics Product and the Head of Quality Control Unit, as well as Purchasing Department and Cosmetic production. During her rich career, she has been involved in development of more than hundred cosmetic products. Lecture on: Innovation in cosmetic industry: from formulation to final product

Biljana Bogdanović, an expert in the field of Quality and Food Safety Management, with the experience over 20 years in Sugar Industry, constantly engaged in numerous projects regarding the Quality and Food Safety Management in Sugar Industry as a consultant, auditor and professor. She has published a book on food safety, which has been translated into 6 world languages. Lecture on: Challenges in Sugar Production - Food Safety Management Systems

Damir Čjepa, graduated at Faculty of Technology, University of Novi Sad, in 2012, in Material Engineering. In 2015 gained first position in cement plant Lafarge BFC d.o.o., as a production engineer. Through various roles and responsibilities in production and quality sectors, from 2022 takes responsibility for new products development and sustainability. Lecture on: New materials for a new culture of building

Ivan Živanović, graduated at Faculty of Technology, University of Novi Sad, in 2010, Dpt. Of Pharmaceutical Engineering. Joined Hemofarm A.D. in 2014 and since then gained experience in Quality Control, Warehouse Operations and since 2022 positioned as Supply Chain Head for production Site. During the carrier went through various challenges regarding to GMP processes and optimization Projects. Lecture on: Contamination control in pharmaceutical industry

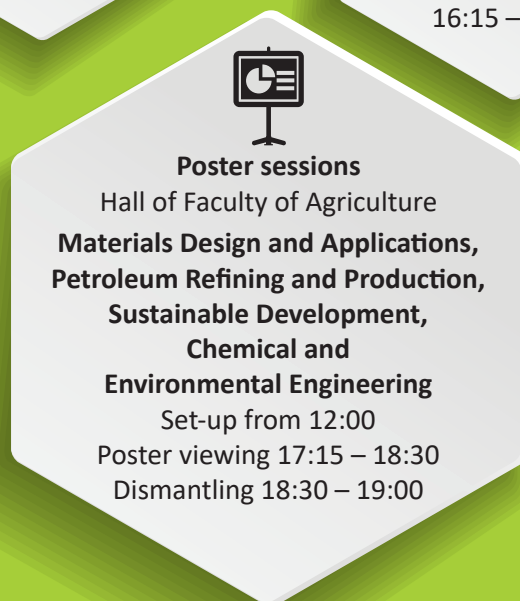
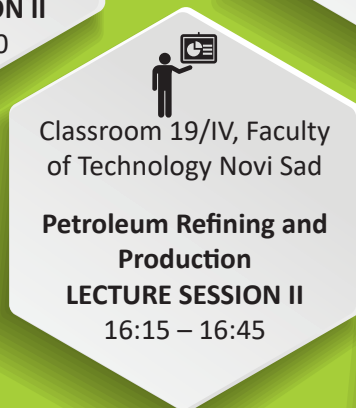
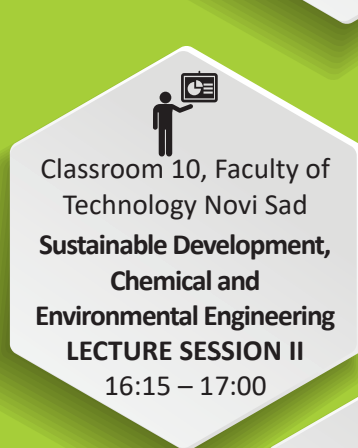
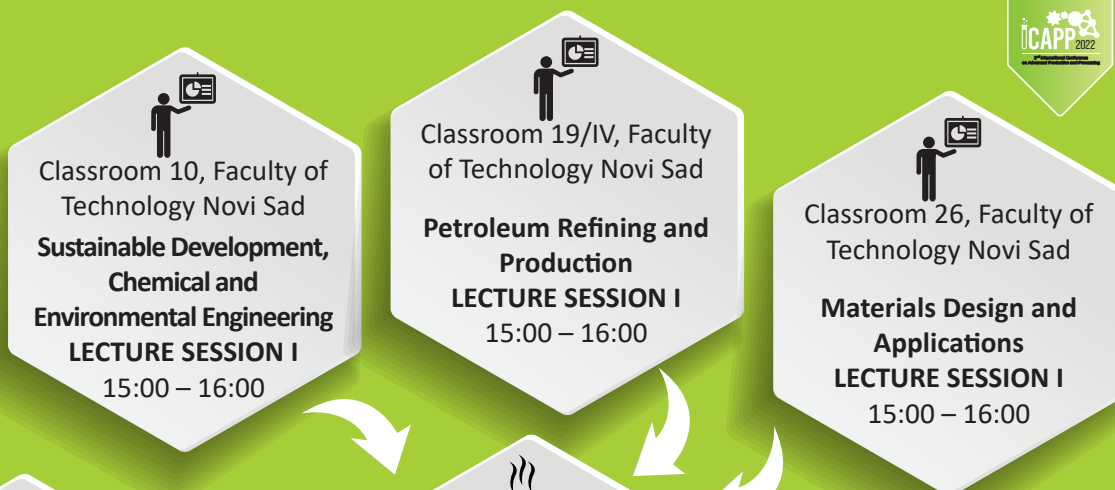
Svetozar Ereimić, Dušan Rašković, NIS a.d., Novi Sad, Serbia. Lecture on: Operating management system (OMS) for refinery operations

Igor Stanković, HIP-Petrohemija a.d., Pančevo, Serbia. Lecture on: Opportunities for development of the petrochemical industry in Serbia











Amphitheater, Faculty of
Technology Novi Sad

**Innovative Food Science
and Bioprocesses**
LECTURE SESSION III
10:00 – 11:00



Classroom 12, Faculty of
Technology Novi Sad

**Nutraceuticals and
Pharmaceuticals**
LECTURE SESSION III
10:00 – 11:00



Hall of the
Faculty of Technology
Novi Sad

Coffee break
11:00 – 11:30



Classroom 10, Faculty of
Technology Novi Sad

**Sustainable Development,
Chemical and
Environmental Engineering**
LECTURE SESSION III
10:00 – 11:15



Classroom 26, Faculty of
Technology Novi Sad

**Materials Design and
Applications**
LECTURE SESSION III
10:00 – 11:00

Hall of the
Faculty of
Technology
Novi Sad
Registration
9:00 – 10:00



Classroom 12, Faculty of
Technology Novi Sad

**Nutraceuticals and
Pharmaceuticals
LECTURE SESSION IV**
11:15 – 11:45



Classroom 26, Faculty of
Technology Novi Sad

**Materials Design and
Applications
LECTURE SESSION IV**
11:15 – 12:00



Lunch

Hall of Faculty of
Technology Novi Sad

- **Innovative Food Science and Bioprocesses**
- **Nutraceuticals i Pharmaceuticals**
- **Sustainable Development, Chemical and Environmental Engineering**
- **Petroleum Refining and Production**
- **Materials Design and Applications**

12:30 – 13:30



Poster sessions

Hall of Faculty of Agriculture

**Innovative Food Science and
Bioprocesses
Nutraceuticals i Pharmaceuticals**

Set-up from 10:00

Poster viewing 11:30 – 12:30

Dismantling 12:30 – 14:00

Excursion

Meeting point:

Entrance of Faculty of Technology

14:00



Amphitheater, Faculty of
Technology Novi Sad

**Innovative Food Science
and Bioprocesses
LECTURE SESSION IV**
10:00 – 11:00



Classroom 12, Faculty of
Technology Novi Sad

**Nutraceuticals and
Pharmaceuticals
LECTURE SESSION V**
10:00 – 11:00




Hall of the
Faculty of Technology
Novi Sad

Coffee break
11:00 – 11:15




Amphitheater, Faculty of
Technology Novi Sad

**Innovative Food Science
and Bioprocesses
LECTURE SESSION V**
11:15 – 11:45



Classroom 12, Faculty of
Technology Novi Sad



**Nutraceuticals and
Pharmaceuticals
LECTURE SESSION VI**
11:15 – 11:45



Amphitheater, Faculty of
Technology Novi Sad

Closing ceremony
11:45 – 12:15



OPENING CEREMONY 20.10.2022. Rectorate of the University of Novi Sad		
10:45–11:45	 Opening ceremony 	
11:45–12:15	Photo session and Coffee break after Opening ceremony	
PL1 12:15–12:45	<i>Joint plenary session with 1st TwiNSol-CECs Workshop</i> João G. Crespo Membranes in Bioprocessing	Plenary lecture
12:45–13:00	Coffee break	
PL2 13:00–13:30	<i>Joint plenary session with 1st TwiNSol-CECs Workshop</i> Marinella Farré , Marta Llorca, Katerina Savva, Albert Vega THE CHALLENGE OF ASSESSING CONTAMINANTS OF EMERGING CONCERN IN THE ENVIRONMENT	Plenary lecture
PL3 13:30–14:00	<i>ICAPP plenary lecture</i> Simha Sridharan, Costas Nikiforidis 3D PRINTABLE FOODS USING PLANT-BASED JAMMED EMULSIONS	Plenary lecture
14:00–15:00	Lunch break	



LECTURE SESSION I

20.10.2022. (Amphitheatre of Faculty of Technology Novi Sad)

Chairs of the Session: Jelena Pejic and Costas Nikiforidis

IFB-IL1 15:00–15:30	Ioannis Mourtzinis , Stamatia Christaki, Anastasia Kyriakoudi INNOVATIVE TECHNIQUES FOR THE EXTRACTION AND EXPLOITATION OF BIOACTIVE INGREDIENTS IN FOODS	Invited lecture
IFB-IL2 15:30–16:00	Eleonora Zabos YEAST EXTRACT – FOOD OF THE FUTURE	Invited lecture
16:00–16:15	Coffee break	



LECTURE SESSION II

20.10.2022. (Amphitheatre of Faculty of Technology Novi Sad)

Chairs of the Session: Verica Dragović-Uzelac and Alexandros Stratakos

IFB-OL1 16:15–16:30	Igor Gáspár , Ivana Pajčin, Flóra Vitális, Vanja Vlajkov, Aleksandar Jokić, Dragoljub Cvetković, András Koris, Jovana Grahovac TESTING ANTIMICROBIAL 3D PRINTING FILAMENTS FROM FOOD SAFETY ASPECT	Oral presentation
IFB-OL2 16:30–16:45	Hami Alpas , Mecit Halil Oztog, Berkay Bolat, Ahmet Erdem Uğur INSECTS AS NEW GENERATION PROTEIN SOURCES: NOVEL PRODUCTION AND CHARACTERIZATION APPROACHES	Oral presentation
IFB-OL3 16:45–17:00	Živko Nikolov , Laura Soto-Sierra SINGLE-STEP CLARIFICATION AND RECOVERY OF ALGAL PROTEIN HYDROLYSATES BY TANGENTIAL FLOW ULTRAFILTRATION	Oral presentation



20:00	Gala Dinner		
	LECTURE SESSION III 21.10.2022. (Amphitheatre of Faculty of Technology Novi Sad) Chairs of the Session: Ivana Lončarević and Ioannis Mourtzinou		
IFB-OL4 10:00-10:15	Sotirios Ekonomou, Eleni Asimakopoulou, Pagona Papakonstantinou, Olena Doran, Alexandros Stratakis PLASMA ACTIVATED WATER AS A NOVEL DECONTAMINATION METHOD FOR WATER AND FOOD CONTACT SURFACES		Oral presentation
IFB-OL5 10:15-10:30	Szilvia Bánvölgyi , Angela Maldonado, Ana Marđokic, Máté Molnár, Katalin Klosz, Gyula Vatai EXTRACTION OF POLYPHENOLS FROM OLIVE POMACE OF ŽUTICA VARIETY		Oral presentation
IFB-OL6 10:30-10:45	Chaima Neji , Emese Seres, Peter Sipos EFFECT OF NITROGEN FERTILIZATION ON SOYBEAN FLOUR QUALITY		Oral presentation
IFB-OL7 10:45-11:00	Katarzyna Leicht , Małgorzata Korzeniowska QUALITY OF POULTRY MEAT - DEFECTS AND MYOPATHIES OF BROILER BREAST MEAT		Oral presentation
11:00-11:30	Coffee break		
11:30-12:30	Poster section (Hall of Faculty of Agriculture)		



12:30-13:30	Lunch (Hall of Faculty of Technology)
14:00	Excursion Meeting point: Entrance of Faculty of Technology



LECTURE SESSION IV

22.10.2022. (Amphitheatre of Faculty of Technology Novi Sad)
Chairs of the Session: Dragana Šoronja–Simović and Ljubica Dokić

IFB-IL3 10:00-10:30	Jelena Jurić PROCESS OF SETTING UP QUALITY SYSTEMS DURING A GREENFIELD FOOD PRODUCTION PROJECT	Invited lecture
IFB-OL8 10:30-10:45	Andrea Karlovic, Anita Lalić ENRICHMENT OF WHITE ČUPTER WITH FATTY ACIDS: EFFECTS OF ADDITION OF BREWERS' SPENT GRAIN	Oral presentation
IFB-OL9 10:45-11:00	Jovana Degenek , Vladimir Vukić, Katrina Kanurić, Mirela Iličić, Dajana Vukić, Salo-Ahen Outi MILK PEPTIDES AS POTENTIAL INHIBITORS OF E. COLI RNA POLYMERASE (RNAP) AND DNA GYRASE	Oral presentation
11:00-11:15	Coffee break	



LECTURE SESSION V

22.10.2022. (Amphitheatre of Faculty of Technology Novi Sad)
Chairs of the Session: Dragana Šoronja–Simović and Ljubica Dokić



IFB-OL10 11:15-11:30	Natasha Gjorgovska , Vesna Levkov, Daniela Belichovska, Svetlana Grigorova EGG – SUPERCHARGED FOOD PRODUCT	Oral presentation
11:30-11:45	MC Labor	Sponsor



POSTER SESSION

21.10.2022. (Hall of Faculty of Agriculture), 11:30-12:30

IFB-P1	Vesna Đorđević , Vladimir Tomović, Milana Lazović, Ivana Vasiljević, Marija Jokanović, Branislav Šojić, Snežana Škaljac, Dragan Vujadinović, Mila Tomović ARSENIC IN FEMALE CATTLE LIVERS AND KIDNEYS FROM VOJVODINA, NORTHERN SERBIA
IFB-P2	Kristian Pastor , Marko Ilić, Jovana Kojić, Nataša Nastić, Jelena Krulj, Marijana Ačanski AUTO-ML GC/MS FINGERPRINTING STRATEGY FOR CEREAL FLOUR AUTHENTICATION
IFB-P3	Valentina Nikolić , Slađana Žilić, Marijana Simić, Vesna Kandić, Dejan Dodig THE EFFECT OF PRETREATMENT AND MATRIX ON THE IN VITRO DIGESTIBILITY, NUTRIENT BIOAVAILABILITY, AND ANTIOXIDANT PROPERTIES OF CEREAL GRAIN-BASED FOOD INGREDIENTS
IFB-P4	Veronika Barišić, Ivana Flanjak, Antun Jozinović, Jurislav Babić, Drago Šubarić, Borislav Miličević, Đurđica Ačkar CHEMICAL COMPOSITION OF HAZELNUT COCOA SPREADS WITH ADDED COCOA SHELL AND CASEIN
IFB-P5	Milana Lazović, Vladimir Tomović , Ivana Vasiljević, Isidora Kecojević, Mila Tomović, Aleksandra Martinović, Dragan Vujadinović THE CONCENTRATION OF COPPER IN FRUIT PRODUCTS INTENDED FOR HUMAN CONSUMPTION IN THE REPUBLIC OF SERBIA



IFB-P6	Gjore Nakov , Iliana Lazova-Borisova, Viktorija Stamatovska, Tanja Stojanovska, Milica Arizanova, Mishela Temkov EFFECT OF STORAGE PERIOD ON COLOUR AND TEXTURAL PROPERTIES OF COOKIES WITH WHEAT MALT FLOUR
IFB-P7	Ina Ćorković , Marija Smiljanić, Anita Pichler, Josip Šimunović, Mirela Kopjar ADDITION OF PULLULAN DURING ENCAPSULATION OF VANILLIN IN ALGinate HYDROGEL BEADS
IFB-P8	Svetlana Bogdanović , Dobrila Randjelović, Zvonko Zlatanović, Violeta Rakić, Dragana Stanisavljević TESTING OF VITAMIN C CONTENT AND MICROBIOLOGICAL QUALITY CONTROL IN FRESH AND DRIED ROSE HIP (<i>Rosa canina L.</i>) FRUIT
IFB-P9	Milica Mirković , Dušanka Paunović, Nemanja Mirković, Vele Tešević, Zorica Radulović MICROBIOTA AND EFFECT OF DIFFERENT FREEZING REGIMES ON VOLATILE AROMA COMPOUNDS OF BLACK TRUFFLE <i>TUBER AESTIVUM</i>
IFB-P10	Vesna Kalaba , Tanja Ilic, Željka Marjanović Balaban ANTIBACTERIAL ACTIVITY OF MANUKA HONEYS WITH DIFFERENT UMF VALUES
IFB-P11	Vesna Kalaba , Tanja Zenić, Dragana Kalaba HERBAL ESSENTIAL OILS - COMPARISON OF THE EFFECTS ON <i>Salmonella</i> Typhimurium AND <i>Listeria monocytogenes</i> GROWTH
IFB-P12	Viktorija Stamatovska , Ljubica Karakasova, Vezirka Jankuloska, Tatjana Blazhevskaa, Namik Durmishi INFLUENCE OF DIFFERENT SWEETENERS ON SENSORY ATTRIBUTES OF RASPBERRY JAMS
IFB-P13	Ivana Lončarević , Biljana Pajin, Jovana Petrović, Ivana Nikolić, Branislav Šojić, Danica Zarić, Jelena Jurić THE IMPACT OF COMBINED EMULSIFIER ON CRYSTALLIZATION PROPERTIES OF TRANS FREE FAT INTENDED FOR FAT FILLING PRODUCTION



IFB-P14	Aleksandra Ranitović , Dragoljub Cvetković, Olja Šovljanski, AnaTomić, Siniša Markov, Milica Aćimović WASTE PLANT MATERIAL – A NEW SUBSTRATE FOR KOMBUCHA BEVERAGE WITH EXPRESSIVE ANTIBACTERIAL ACTIVITY
IFB-P15	Nikola Maravić , Jelena Tomić, Dubravka Škrobot, Ljiljana Popović, Slađana Rakita ANTIOXIDATIVE PROPERTIES OF GLUTEN-FREE CRACKERS BASED ON CHICKPEA FLOUR AND PUMPKIN SEED OIL PROCESSING BY-PRODUCTS
IFB-P16	Jelena Mitrović , Nada Nikolić, Ivana Karabegović, Saša Savić, Olivera Šimurina, Mirjana Pešić THE COMPOSITION OF PHENOLIC COMPOUNDS OF COOKIES ENRICHED BY NETTLE (<i>Urtica dioica</i> L.) SEEDS AND EXTRACT
IFB-P17	Nataša Obradović , Mina Volić, Aleksandra Jovanović, Tanja Krunić, Viktor Nedović, Marica Rakin, Branko Bugarski DESIGN AND CHARACTERIZATION OF SPRAY-DRIED MICROCARRIERS FOR PREPARATION OF FUNCTIONAL WHEY-BASED BEVERAGES
IFB-P18	Biljana Pecanac , Željko Slodojević THE PRESENCE OF NITRITE IN MEAT PRODUCTS FROM THE MARKET OF REPUBLIC OF SRPSKA
IFB-P19	Sara Brunet , Uroš Miljić, Vladimir Puškaš, Vesna Tumbas Šaponjac, Lato Pezo POLYPHENOL COMPOSITION AND ANTIOXIDANT ACTIVITY OF PROBUS AND PROKUPAC RED WINES FROM SERBIA
IFB-P20	Gorica Pavlovska , Violeta Oggenoska, Anka Trajkovska Petkoska, Vezirka Jankuloska STABILIZATION OF SUNFLOWER OIL BY ADDING GARDEN SAVORY (<i>SATUREJA HORTENSIS</i>)
IFB-P21	Nada Nikolić , Suzana Cakić, Jelena Mitrović, Mirjana Pešić, Ljiljana Takić, Goran Nikolić THE CONTENT OF SOME PHTALATES IN MUSHY PEACH AND APPLE JUICE DURING STORAGE TIME



IFB-P22	Ivana Nikolić , Jovana Petrović, Ivana Lončarević, Slađana Rakita, Ivana Čabarkapa, Aleksandar Takači INFLUENCE OF SPIRULINA ON PHYSICAL PROPERTIES OF DOUGH FOR CRACKERS
IFB-P23	Tanja Lužaić , Ranko Romanić OXIDATIVE STABILITY OF HERB INFUSED SUNFLOWER OILS
IFB-P24	Mirela Iličić , Maja Bjekić, Vladimir Vukić, Dajana Vukić, Katarina Kanurić, Branimir Pavlić, Zoran Zeković, Jovana Degenek CHEMICAL COMPOSITION, ANTIOXIDANT POTENTIAL AND TEXTURAL CHARACTERISTICS OF FRESH CHEESE SAMPLES PRODUCED WITH ADDITION OF SAGE
IFB-P25	Munevera Begić , Selma Čorbo, Halil Omanović SENSORY EVALUATION OF “VISOČKA PEČENICA” FROM TRADITIONAL AND INDUSTRIAL PRODUCTION
IFB-P26	Selma Čorbo , Amina Jusupović, Munevera Begić, Biljana Rabrenović THE EFFECT OF ANTIOXIDANTS ON QUALITY AND OXIDATIVE STABILITY OF ANIMAL FATS
IFB-P27	Amela Kusur , Ramzija Cvrk, Husejin Keran, Tijana Brčina, Halid Junuzović THE INFLUENCE OF TECHNOLOGICAL PROCESS PARAMETERS ON THE OXIDATIVE STABILITY OF BLACK CUMIN OIL (<i>Nigella sativa</i> L.)
IFB-P28	Suzana Cakić , Nada Nikolić, Ivan Ristić, Ljubiša Nikolić, Jelena Mitrović, Snežana Ilić-Stojanović DETERMINATION OF BENZYL BUTYL AND DI-N-OCTYL PHTHALATE FROM MATRIX OF MUSHY PEACH AND APPLE JUICE BY USING LIQUID-LIQUID EXTRACTION
IFB-P29	Marijana Simić , Valentina Nikolić, Slađana Žilić, Marko Vasić CHANGES IN TECHNO-FUNCTIONAL PROPERTIES OF MAIZE FLOURS INDUCED BY DRY-HEAT TREATMENT



IFB-P30	Gordana Hojnik Podrepšek , Željko Knez, Maja Leitgeb SUPERCRITICAL CO ₂ INFLUENCE ON α-AMYLASE ACTIVITY IN GRAHAM FLOUR
IFB-P31	Nika Kučuk, Mateja Primožič, Željko Knez, Maja Leitgeb GANODERMA LUCIDUM AS A SOURCE OF INDUSTRIALLY IMPORTANT ENZYMES
IFB-P32	Lidija Peić Tukuljac , Jelena Krulj, Lato Pezo, Jovana Kojić, Nikola Maravić, Zita Šereš APPLICABILITY OF DIFFERENT KINETIC MODELS ON BIOSORPTION OF MOLASSIGENIC METAL IONS IN CLOSED-LOOP FIXED-BED COLUMN SYSTEM
IFB-P33	Ranko Romanić , Katarina Nedić Grujin, Tanja Lužaić, Branislava Nikolovski INFLUENCE OF WINTERIZATION SUPPORTED BY CELLULOSE FILTRATION AIDS ON THE REMOVAL OF UNDESIRABLE COMPONENTS OF SUNFLOWER OIL
IFB-P34	Marica Rakin , Maja Bulatović, Sara Živanović, Milica Milutinović, Duška Rakin, Danica Zarić, Maja Vukašinović-Sekulić PROBIOTIC ALMOND - BASED BEVERAGE: PROMISING STEP TOWARDS A CIRCULAR BIOECONOMY
IFB-P35	Tatjana Daničić , Aleksandra Tepić Horecki, Anita Milić, Zdravko Šumić, Aleksandra Nešić, Branka Pilić ANTIOXIDANT ACTIVITY OF BLUEBERRY POMACE EXTRACTS OBTAINED BY ENZYMATIC-ASSISTED EXTRACTION
IFB-P36	Sandra Zavadlav , Ivan Štedul, Danijela Bursać Kovačević, Predrag Putnik, Tibor Janči DETERMINING CHANGES OF FATTY ACIDS FOR QUALITY ASSESSMENT OF EUROPEAN SQUID (<i>LOLIGO VULGARIS</i>) DURING TRADITIONAL AIR CHILLING WITH EFFECTS OF ACID WHEY IMMERSION ON STORAGE QUALITY
IFB-P37	Konstantinos Giannoutsos, Danai Koukoumaki, Malamatenia Panagiotou, Konstantinos Gkatzionis THE EFFECT OF MODERN CLAIM RELATED TO PACKAGING SUSTAINABILITY ON THE SENSORY PERCEPTION OF GREEK CRACKERS



IFB-P38	Danai Koukoumaki, Panagiotis Tseikas, Malamatenia Panagiotou, Konstantinos Gkatzionis DO WE HEAR WHAT WE EAT? A COMPARISON STUDY OF INSTRUMENTAL SOUND ANALYSIS OF CRACKERS AND THEIR SENSORY PERCEPTION
IFB-P39	Ljubica Dokić , Ivana Nikolić, Dragana Šoronja Simović, Biljana Pajin, Zita Šereš TEXTURAL AND RHEOLOGICAL PROPERTIES OF COOKIE DOUGH WITH ADDITION OF CHESTNUT FLOUR
IFB-P40	Nikola Maravić , Dragana Šoronja Simović, Miljana Djordjević, Jovana Petrović, Biljana Pajin, Dušan Rakić, Tamaš Pletikosić, Zita Šereš SEPARATION OF PROTEIN FRACTION FROM SUGAR BEET LEAVES
IFB-P41	Nemanja Bojanić , Strahinja Vidosavljević, Jelena Šurlan, Danka Dragojlović, Emilija Fodor, Aleksandar Fišteš, Nikola Maravić EMULSION STABILIZING CAPACITY OF THE SUNFLOWER MEAL PROTEINS
IFB-P42	Tanja Stojanovska , Tatjana Kalevska, Daniela Nikolovska Nedelkoska, Gorica Pavlovska FATTY ACID PROFILE OF FUNCTIONAL OHRID TROUT PÂTÉ
IFB-P43	Milana Pribić , Saša Despotović, Sunčica Kocić-Tanackov, Sandra Bulut, Jelena Pejin CHALLENGES IN THE APPLICATION OF UNMALTED TRITICALE IN BREWING
IFB-P44	Marijana Đorđević , Miljana Đorđević, Dragana Šoronja-Simović, Zita Šereš, Ivana Nikolić, Nikola Maravić APPEARANCE AND TEXTURE OF GLUTEN-FREE BREAD CONTAINING NON-GERMINATED AND GERMINATED ALFALFA SEEDS
IFB-P45	Milena Terzić , Jelena Bajac, Igor Antić, Gökhan Zengin, Branislava Nikolovski, Marija Radojković CHEMICAL COMPOSITION AND BIOLOGICAL ACTIVITY OF JUNIPER BERRY (<i>Juniperis communis</i> L.) ESSENTIAL OILS



IFB-P46	Milica Nićetin , Kosana Šobot, Jovana Kojić, Biljana Lončar, Vladimir Filipović, Violeta Knežević FORTIFICATION OF BETAINES CONTENT IN SPELT BISCUITS ENRICHED WITH WILD GARLIC OSMODEHYDRATED IN SUGAR BEET MOLASSES
IFB-P47	Biljana Lončar , Lato Pezo, Jelena Filipović, Vladimir Filipović, Milica Nićetin, Violeta Knežević, Danijela Šuput SHELF LIFE OF SPELT MUFFINS SUPPLEMENTED WITH APPLE POWDER ENRICHED WITH SUGAR BEET MOLASSES
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IFB-P49	Vanja Šeregelj , Vesna Tumbas-Šaponjac, Jelena Vulić, Anja Saveljić, Teodora Cvanić, Jasna Čanadanović-Brunet, Gordana Četković BIOACTIVE COMPOUNDS AND ANTIOXIDANT ACTIVITY OF CABBAGE AND PEA MICROGREENS
IFB-P50	Snežana Škaljac , Marija Jokanović, Vladimir Tomović, Brankica Kartalović, Jelena Vranešević, Predrag Ikonić, Nedim Čučević, Tatjana Peulić, Branislav Šojić, Maja Ivić REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS IN TRADITIONAL DRY FERMENTED SAUSAGES
IFB-P51	Sandra Bulut , Jelena Živančev, Igor Antić, Ružica Tomičić, Milana Pribić, Sunčica Kocić-Tanackov THE POSSIBILITY OF AFLATOXINS SYNTHESIS OF DIFFERENT <i>A. flavus</i> AND <i>A. parasiticus</i> STRAINS ISOLATED FROM CEREALS AND NUTS
IFB-P52	Sunčica Kocić-Tanackov , Gordana Dimić, Bojana Marinković-Teodosić, Sandra Bulut, Snežana Kravić, Ružica Tomičić ¹ , Jelena Pejin ANTIMICROBIAL ACTIVITY OF CELL-FREE SUPERNATANT OF <i>LACTOBACILLUS</i> SPECIES AND BASIL ESSENTIAL OIL MIXTURE ON FOODBORNE BACTERIA
IFB-P53	Miloš Županjac , Tatjana Peulić, Predrag Ikonić, Marija Jokanović, Jovana Delić, Aleksandra Novaković, Milica Popović QUALITY CHARACTERISTICS OF BEEF JERKY MADE IN LABORATORY CONDITIONS



IFB-P54	Danijela Šuput , Senka Popović, Nevena Hromiš, Jovana Ugarković, Biljana Lončar, Violeta Knežević PHYSICO-CHEMICAL PROPERTIES OF FLAXSEED OIL CAKE-BASED BIOPOLYMER FILMS AFFECTED BY PROCESS PARAMETERS
IFB-P55	Nevena Hromiš , Senka Popović, Danijela Šuput, Jovana Ugarković, Ivana Čabarkapa APPLYING DIFFERENT INFRARED SPECTROPHOTOMETRY METHODS FOR DETERMINING THE DEGREE OF DEACETYLATION OF CHITOSAN
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IFB-P58	Kristina Habschied, Vinko Krstanović, Brankica Kartalović, Krešimir Mastanjević EFFECT OF TEMPERATURE RANGE AND KILNING TIME ON THE OCCURRENCE OF POLYCYCLIC AROMATIC HYDROCARBONS IN MALT
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IFB-P60	Dubravka Škrobot , Jelena Tomić, Branislava Đermanović, Bojana Šarić, Jasmina Gubić, Miloš Županjac, Nikola Maravić DIFFERENCES IN DYNAMIC SENSORY PERCEPTION BETWEEN COMMERCIAL CHOCOLATE SPREADS
IFB-P61	Ajda Kunčič, Mateja Kokalj, Nika Horvat, Tanita Kranjc, Ana Bele, Tomaž Samec, Nataša Lilek, Andreja Kandolf Borovšak, Sonja Smole Možina ANTIMICROBIAL AND ANTIOXIDATIVE ACTIVITY OF SLOVENIAN HONEYS IN RELATION TO THE CONTENT OF PHENOLIC COMPOUNDS



IFB-P62	Marija Jakanović , Snežana Škaljac, Vladimir Tomović, Branislav Šojić, Predrag Ikonić, Tatjana Peulić, Bojana Ikonić COMPARISON OF DIFFERENT TESTS FOR TEXTURE CHARACTERISTICS ASSESSMENT OF DRY FERMENTED SAUSAGES
IFB-P63	Jovana Ugarković , Danijela Šuput, Nevena Hromiš, Ljiljana Popović, Ranko Romanić, Senka Popović ANTIOXIDATIVE ACTIVITY CORRELATION BETWEEN OIL CAKES (RAW MATERIAL) AND BIOPOLYMER FILMS (PRODUCTS)
IFB-P64	Erika Dobroslavić , Ena Cegledi, Ana Dobrinčić, Ivona Elez Garofulić, Zoran Zorić, Sandra Pedisić, Verica Dragović-Uzelac PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITY OF CAROB (<i>Ceratonia siliqua</i> L.) LEAF EXTRACTS OBTAINED BY GREEN EXTRACTION TECHNIQUES
IFB-P65	Ena Cegledi, Ana Dobrinčić, Erika Dobroslavić, Maja Repajić , Verica Dragović-Uzelac INFLUENCE OF SOLVENT AND MATERIAL PROPORTION DURING MICROWAVE-ASSISTED EXTRACTION OF <i>Dictyota dichotoma</i> AND <i>Thymus vulgaris</i> PIGMENTS
IFB-P66	Dajana Blagojević , Petar Davidović, Jelica Simeunović BIOMASS PRODUCTION IN CYANOBACTERIAL STRAINS OF THE GENUS NOSTOC ISOLATED FROM VOJVODINA PROVINCE (SERBIA)
IFB-P67	Svetlana Čujić, Hunor Farkaš, Jog Raj , Zdenka Jakovčević, Jasna Bošnjak-Neumüller, Marko Vasiljević DETERMINATION OF TERPENES FROM ESSENTIAL OILS IN PHYTOGENIC FEED ADDITIVES
IFB-P68	Andrija Klebec, Marija Mamić, Nevena Barać, Danijel Milinčić, Miroljub Barać THE EFFECT OF PARTIAL PROTEOLYSIS ON TECHNO - FUNCTIONAL AND ANTIOXIDANT PROPERTIES OF MODIFIED SOY PROTEIN ISOLATES
IFB-P69	Mayka Pedrao , Bruna Farias, Thainá Serafim, Fábio Coró EVALUATION OF THE EFFICIENCY OF SANITIZERS ROUTINELY USED IN POULTRY SLAUGHTERHOUSE IN BRAZIL
IFB-P70	Dragana Šoronja-Simović , Nikola Maravić, Biljana Pajin, Neli Molnar, Iren Đerfi, Jovana Petrović, Ivana Lončarević EATING HABITS OF THE YOUNG POPULATION AND INFLUENCE ON THEIR BODY WEIGHT



IFB-P71	Fábio Coró , Margarida Yamaguchi, Jeniffer Monteiro, Mayka Pedrao EVALUATION OF THE USE OF OZONE IN THE SANITIZATION OF KNIVES AND IN THE ELIMINATION OF <i>SALMONELLA</i> SPP. IN SWINE TONGUE
IFB-P72	Angela Paskuale ESSENTIAL OILS IN DIETS OF BROILERS AND THEIR INFLUENCE ON MEAT QUALITY
IFB-P73	Gordana Dimitrovska , Marija Gjorgievska, Borce Makarijoski, Elena Joshevska THE EFFECT OF DIFFERENT STARTER CULTURES ON QUALITY AND SENSORY CHARACTERISTICS ON KASHKAVAL CHEESE
IFB-P74	Sasko Martinovski , Tatjana Kalevska, Valentina Pavlova, Daniela Nikolovska Nedelkoska NUTRITIONAL MARKETING AND CONSUMER BEHAVIOR
IFB-P75	Aikaterini Tzamourani, Aikaterini Petridou, Maria-Danai Fermeli, Ioannis Paraskevopoulos, Maria Dimopoulou TECHNOLOGICAL EVALUATION OF WINE YEAST ISOLATED FROM GREEK WINE
IFB-P76	Saša Despotović , Jelena Pejin, Natalija Velić, Ana Bjeković, Milana Pribić, Viktor Nedović MOVING TOWARDS SUSTAINABILITY: VALORIZATION OF BYPRODUCT IN THE BREWING INDUSTRY
IFB-P77	Ana Dobrinčić, Barbara Brunović, Maja Repajić, Ena Cegledi, Erika Dobroslavić, Verica Dragović-Uzelac, Branka Levaj STABILITY OF MINIMALLY PROCESSED APPLE TREATED WITH LAUREL (<i>Laurus nobilis</i> L.) ESSENTIAL OIL
IFB-P78	Ana Todorović, Ana Salević, Danijel Milinčić, Steva Lević, Mirjana Pešić, Viktor Nedović ENCAPSULATION OF POLYPHENOLS - TECHNIQUES AND APPLICATIONS IN FOOD PRODUCTS
IFB-P79	Danijel Milinčić, Stefan Kolašinac, Aleksandar Kostić, Steva Lević, Ana Salević, Viktor Nedović , Mirjana Pešić APPLICATION OF RAMAN SPECTROSCOPY FOR THE CHARACTERISATION OF MILK AND MILK-PHENOLICS POWDERS



LECTURE SESSION I

20.10.2022. (Classroom 26, Faculty of Technology Novi Sad)

Chairs of the session: Marija Milanović and Ivan Stijepović

MDA-IL1 15:00–15:30	Marijana Kragulj Isakovski , Snežana Maletić, Tamara Apostolović, Irina Jevrosimov, Tajana Simetić, Aleksandra Tubić, Jasmina Agbaba CARBON BASED MATERIALS AS ADSORBENTS FOR WATER TREATMENT	Invited lecture
MDA-IL2 15:30–16:00	Jasmina Nikić , Malcolm Watson, Aleksandra Tubić, Marijana Kragulj Isakovski, Marko Šolić, Marija Ćurčić, Jasmina Agbaba MAGNETIC NANOPARTICLES: NEW GENERATION ADSORBENTS FOR ARSENIC REMOVAL	Invited lecture
16:00–16:15	Coffee break	



LECTURE SESSION II

20.10.2022. (Classroom 26, Faculty of Technology Novi Sad)

Chairs of the session: Jelena Vukmirović and Ivan Ristić

MDA-OL1 16:15–16:30	Ivan Krakovsky , Timur Tropin SANS INVESTIGATION OF SURFACTANT-POLYMER INTERACTIONS IN POLYMER HYDROGELS	Oral presentation
MDA-OL2 16:30–16:45	Klemen Bohinc , Davor Kovačević CHARGE AND MORPHOLOGICAL PROPERTIES OF NANOPARTICLES	Oral presentation
MDA-OL3 16:45–17:00	Zorka Vasiljević , Jovana Vunduk, Milena Dojcinović, Dragana Bartolić, Milos Ognjanović, Nenad Tadic, Goran Miskovic, Maria Vesna Nikolic GREEN BIOSYNTHESIS OF ZnO NANOPARTICLES USING AGRO-WASTE AND THEIR ANTIBACTERIAL AND ANTIOXIDANT ACTIVITY	Oral presentation



MDA-OL4 17:00-17:15	Ivan Stijepović , Marija Milanović STRUCTURAL AND FUNCTIONAL PROPERTIES OF MIXED NICKEL ZINC FERRITE NANOPOWDERS	Oral presentation
17:15–18:30	Poster session	
20:00	Gala dinner	



LECTURE SESSION III

21.10.2022. (Classroom 26, Faculty of Technology Novi Sad)

Chairs of the session: Snežana Vučetić and Jovan Đorđević

MDA-IL3 10:00-10:30	Damir Čjepa NEW MATERIALS FOR A NEW BUILDING CULTURE	Invited lecture
MDA-IL4 10:30-11:00	Daniela Korolija Crkvenjakov MATERIAL SCIENCE AND CULTURAL HERITAGE – A FASCINATING WORLD OF ARCHAEOLOGY, CONSERVATION SCIENCE, AND TECHNICAL ART HISTORY	Invited lecture
11:00-11:15	Coffee break	




LECTURE SESSION IV

21.10.2022. (Classroom 26, Faculty of Technology Novi Sad)

Chairs of the session: Bojan Miljević and Damir Čjepa



MDA-O15 11:15-11:30	Jovan Djordjevic PRINCIPALS OF DIGITAL RESTORATION AND ITS APPLICATION IN CULTURAL HERITAGE	Oral presentation
MDA-O16 11:30-11:45	Milica Savić , John Milan van der Bergh, Ilija Gubić, Olivera Bradarić, Vladimir Petrović, Helena Hiršenberger, Jonjaua Ranogajec, Snežana Vučetić NON-DESTRUCTIVE EXAMINATION OF THE PAINTING "MAN WITH A MASK" BY RWANDAN ARTIST GUY KARANGWA OMEGA	Oral presentation
MDA-O17 11:45-12:00	Mihajlo Valuh , Bojan Miljević, Helena Hiršenberger, Ljiljana Stražmešterov, Slavica Vujović, Jonjaua Ranogajec, Snežana Vučetić CHARACTERISATION OF THE MORTARS AND BRICKS FOR CONSERVATION OF THE MEDIEVAL CATHOLIC CHURCH ARAČA	Oral presentation
12:00-12:10	MC Labor	Sponsor
12:30-14:00	Lunch	
14:00	Excursion Meeting point: Entrance of Faculty of Technology	
 POSTER SESSION 20.10.2022. (Hall of Faculty of Agriculture), 17:15-18:30		
MDA-P1	Jovana Acković , Ružica Micić, Zoran Nedić, Tamara Petrović PHYSICOCHEMICAL CHARACTERIZATION OF Zn DOPED PHOSPHORUS TUNGSTEN BRONZES ZnWPB	
MDA-P2	Dragana Barjaktarević , Marko Rakin, Bojan Međo, Zoran Radosavljević, Veljko Đokić THE SURFACE CHARACTERIZATION OF THE ANODIZED ULTRAFINEGRAINED Ti-13Nb-13Zr ALLOY	



MDA-P3	Romana Cerc Korošec , Snežana Vučetić, Damir Čjepa, Bojan Miljević, John Milan van der Bergh, Jonjaua Ranogajec DETERMINATION OF THE OPTIMAL THERMAL TREATMENT PARAMETERES FOR THE PREPARATION OF LIGHTWEAR CERAMIC AGGREGATE BASED ON CEMENT KILN DUST AND CLAY MINERALS
MDA-P4	Jelena Jovanović , Jovana Čirković, Aleksandar Radojković, Kristina Joksimović, Nejra Omerović, Goran Branković, Zorica Branković CHITOSAN- AND PECTIN-BASED COATINGS WITH INCORPORATED ACTIVE COMPONENTS FOR APPLICATION IN ACTIVE FOOD PACKAGING
MDA-P5	Davor Kovačević , Klemen Bohinc BACTERIAL ADHESION ON POLYELECTROLYTE MULTILAYERS
MDA-P6	Lara Mikac , Attila Csáki, László Himics, István Rigó, Miklós Veres, Mile Ivanda INVESTGATION OF THE FORMATION OF MICROPLASTIC PARTICLES UPON GAMMA IRRADIATION AND PHOTOAGING OF PET AND PP
MDA-P7	Jasmina Nešković , Damir Čjepa, Miroslav Dramićanin, Snežana Vučetić, Jonjaua Ranogajec EFFECT OF THE WASTE MATERIALS ADDITION ON PSYCAL-MECHANICAL PROPERTIES OF CEMENT MORTARS
MDA-P8	Andrea Nesterović , Jelena Vukmirović, Danica Piper, Ivan Stijepović, Vladimir V. Srdić, Marija Milanović OPTIMIZATION OF HYDROTHERMAL SYNTHESIS CONDITIONS IN ORDER TO OBTAIN PURE BISMUTH SODIUM TITANATE
MDA-P9	Branka Petković , Marija Kostić, Suzana Samaržija-Jovanović, Aleksandra Ivanović, Bojana Laban, Djordje Veljović, Dalibor Stanković A SENSITIVE VOLTAMMETRIC SENSOR FOR CAFFEIC ACID MADE FROM THERMOLISED MODIFIED UF RESINS WITH INCORPORATED Fe(III) AND Ti(IV) OXIDE PARTICLES
MDA-P10	Ivan Ristić , Sanja Panić, Suzana Cakić, Nevena Vukić, Ivana Trkulja, Jaroslava Budinski Simendić SYNTHESIS OF CARBON NANOTUBES BASED CONDUCTIVE BIOMATERIALS
MDA-P11	Mirjana Ristić, Suzana Samaržija-Jovanović , Vojislav Jovanović, Marija Kostić, Tijana Jovanović, Gordana Marković, Milena Marinović-Cincović INFLUENCE OF MODIFIED MONTMORILLONITES ON FORMALDEHYDE CONTENT IN UREA FORMALDEHYDE/MONTMORILLONITE COMPOSITES



MDA-P12	Sonja Smole Možina , Tina Krajnc, Valentina Malin, Meta Sterniša, Sandra Bulut, Sunčica Kocić-Tanackov, Lidija Fras Zemljič ANTIFUNGAL ACTIVITY OF CHITOSAN FORMULATIONS AS ACTIVE COATINGS OF POLYLACTIC PACKAGING FOIL
MDA-P13	Sonja Stojanov , Mirjana Jovičić, Tamara Erceg, Olga Govedarica, Julijana Blagojević, Jelena Pavličević, Vesna Teofilović CHEMICAL RECYCLING OF POST-CONSUMER PET BOTTLES AND THE USE OF RECYCLED PRODUCTS FOR ECO-FRIENDLY RESINS
MDA-P14	Indira Šestan , Amra Odobašić, Melisa Ahmetović, Sabina Begić, Halid Junuzović INVESTIGATION OF THE INFLUENCE OF THE INITIAL CONCENTRATION OF HEAVY METALS IN BINARY SOLUTIONS ON THE EFFICIENCY OF ADSORPTION
MDA-P15	Jelena Tanasić , Tamara Erceg, Ljiljana Tanasić, Marija Kostić, Ivan Krakovsky, Vesna Teofilović, Ivan Ristić INVESTIGATION OF POLYURETHANE HYDROGELS FOR USE IN AGRICULTURE
MDA-P16	Dalibor Tatar , Jelena Kojčinović , David Stenzel, Yushu Tang, Imre Szent, Szilvester Ziegenheim, Sandor Balasz Nagy, Gabor Varga, Igor Djerdj APPLICATION OF CERIA-ZIRCONIA-BASED HIGH-ENTROPY OXIDES AS CATALYSTS IN CONVERSION OF ORGANIC MOLECULES
MDA-P17	Vesna Teofilović , Mirjana Jovičić, Jelena Pavličević, Oskar Bera, Milena Špirkova SURFACE PROPERTIES OF AMINE CURED EPOXY COMPOSITES WITH DIFFERENT CONTENT OF MONTMORILLONITE
MDA-P18	Nina Tomic , Nenad Filipovic, Dragana Mitic Culafic, Ana Djokic, Magdalena Stevanovic EFFECTS OF SELENIUM NANOPARTICLES ON PATHOGENIC AND PROBIOTIC FOOD BACTERIA, AND THEIR INFLUENCE ON HUMAN INTESTINAL CELLS
MDA-P19	Isaak Trajković , Miloš Milošević, Aleksandar Sedmak, Marko Rakin, Zoran Radosavljević, Goran Mladenović, Bojan Medjo ADDITIVE MANUFACTURING AND CHARACTERISATION USING DIGITAL IMAGE CORRELATION OF TENSILE PIPE RING SPECIMENS
MDA-P20	Marija Kovač , Snežana Vučetić, Bojan Miljević, John Milan van der Bergh, Mihajlo Valuh, Miodrag Mišljenović, Jonjaua Ranogajec INVESTIGATION OF GLASS MOSAIC TESSERAE: CASE STUDY OF THE CITY HOSPITAL FAÇADE IN NOVI SAD



LECTURE SESSION I

20.10.2022. (Classroom 12, Faculty of Technology Novi Sad)

Chairs of the session: Sandra Balbino and Zoran Zeković

NP-IL1 15:00–15:30	Petar Vrgović CO-CREATION AS AN EFFECTIVE TOOL FOR NOVEL NUTRACEUTICALS DEVELOPMENT	Invited lecture
NP-IL2 15:30–16:00	Marijana Dragosavac HIGH VALUE PARTICLE MANUFACTURING FROM CELL TO DRUG ENCAPSULATION AND DELIVERY	Invited lecture
16:00–16:15	Coffee break	



LECTURE SESSION II

20.10.2022. (Classroom 12, Faculty of Technology Novi Sad)

Chairs of the session: Andras Koris and Jaroslav Katona

NP-OL1 16:15–16:30	Arijit Nath , Eموke Szerdahelyi, Attila Toth, Judit Tormási, László Abrankó, Andras Koris MODULATION OF THE BIOCHEMICAL ACTIVITIES OF SOYBEAN MILK PROTEIN BY PAPAIN	Oral presentation
NP-OL2 16:30–16:45	Anastasia Kyriakoudi , Alexandros Tsiouras, Ioannis Mourtzinis REVISITING EXTRACTION OF LYCOPENE FROM TOMATO USING HYDROPHOBIC NATURAL DEEP EUTECTIC SOLVENTS	Oral presentation
NP-OL3 16:45–17:00	Rita Ambrus , Petra Party, Patrícia Vargam, Csilla Bartos FABRICATION OF INHALABLE NANOPARTICLES USING ANTIINFLAMMATORY DRUGS	Oral presentation



20:00	Gala dinner		
<div></div> <div>LECTURE SESSION III</div> <div>21.10.2022. (Classroom 12, Faculty of Technology Novi Sad)</div> <div>Chairs of the session: Ljiljana Đekić and Rita Ambrus</div>			
NP-IL3 10:00-10:30	Anica Bebek Markovinović, Adrijana Žigolić, Filip Valjak, Predrag Putnik, Danijela Bursać Kovačević 3D-PRINTING AS A NOVEL TOOL FOR THE PRODUCTION OF FUNCTIONAL PRODUCTS BASED ON STRAWBERRY		Invited lecture
NP-IL4 10:30-11:00	Vesna Jelenić INNOVATION IN COSMETIC INDUSTRY: FROM FORMULATION TO FINAL PRODUCT		Invited lecture
11:00-11:15	Coffee break (Hall of Faculty of Technology)		
<div></div> <div>LECTURE SESSION IV</div> <div>21.10.2022. (Classroom 12, Faculty of Technology Novi Sad)</div> <div>Chairs of the session: Stela Jokić and Ljiljana Popović</div>			
NP-OL4 11:15-11:30	Arijit Nath, Attila Csighy, Emoke Szerdahelyi, Attila Toth, Andras Koris HYPOALLERGENIC PEPTIDES WITH ANTIOXIDANT CAPACITY, ANTIANGIOTENSIN ACTIVITY AND ANTIBACTERIAL ACTIVITY FROM LIQUID MILK PROTEIN CONCENTRATE BY ENZYMATIC AND MICROBIAL HYDROLYSIS		Oral presentation
11:30-11:45	MC Labor		Sponsor



11:45-12:30	Poster section (Hall of Faculty of Agriculture)
12:30-13:30	Lunch (Hall of Faculty of Technology)
14:00	Excursion Meeting point: Entrance of Faculty of Technology



LECTURE SESSION V

22.10.2022. (Classroom 12, Faculty of Technology Novi Sad)

Chairs of the session: Danijela Bursać Kovačević and Branimir Pavlić

NP-IL5 10:00-10:30	Sandra Balbino , Daniela Cvitkovic, Iva Škarica, Verica Dragović-Uzelac OPTIMIZATION OF SUPERCRITICAL CO ₂ EXTRACTION OF LIPOPHILIC BIOACTIVE COMPOUNDS: A CASE STUDY ON MYRTLE BERRIES	Invited lecture
NP-IL6 10:30-11:00	Ivan Živanović , Zoran Zeković, Branimir Pavlić CONTAMINATION CONTROL IN PHARMACEUTICAL INDUSTRY	Invited lecture
11:00-11:15	Coffee break (Hall of Faculty of Technology)	



LECTURE SESSION VI

22.10.2022. (Classroom 12, Faculty of Technology Novi Sad)

Chairs of the session: Danijela Bursać Kovačević and Branimir Pavlić



NP-OL5 11:15-11:30	Sanja Milošević , Nemanja Brkljača, Saša Đurović, Uroš Gašić, Živan Mrkonjić, Zoran Zeković, Branimir Pavlić EMERGING EXTRACTION APPROACH FOR RECOVERY OF HEMP (<i>Cannabis sativa</i> L.) BIOACTIVE COMPOUNDS	Oral presentation
NP-OL6 11:30-11:45	Ana Stjepanović , Nemanja Todorović, Jelena Čanji Panić, Mladena Lalić-Popović POTENTIALLY HARMFUL EXCIPIENTS IN PEDIATRIC ORAL COUGH MEDICINES AUTHORIZED IN SERBIA	Oral presentation



POSTER SESSION

21.10.2022. (Hall of Faculty of Agriculture), 11:30-12:30

NP-P1	Suzana Apostolov , Slobodan Petrović, Aleksandra Bogdanović, Gorana Mrđan, Borko Matijević, Đendi Vaštag STUDYING BIOACTIVITY PROPERTIES OF NOVEL CHLOROACETAMIDES BY USING THIN-LAYER CHROMATOGRAPHY
NP-P2	Jelena Bajac , Branislava Nikolovski, Lidija Petrović, Branimir Bajac MICROENCAPSULATION OF LAVANDIN (<i>Lavandula x intermedia</i>) ESSENTIAL OIL BY SPRAY DRYING
NP-P3	Aleksandra Cvetanović Kljakić , Gokhan Zengin, Uroš Gašić, Pavle Mašković, Miloš Radosavljević, Zoran Zeković IMPROVED POLYPHENOLIC ISOLATION FROM AUTOFERMENTED CHAMOMILE FLOWERS BY MICROWAVE IRRADIATION
NP-P4	Jelena Čanji Panić , Nemanja Todorović, Ana Stjepanović, Gordana Švonja Parezanović, Nataša Milošević, Mladena Lalić-Popović VARIABILITY OF MICROCRYSTALLINE CELLULOSE HAUSNER RATIO AND COMPRESABILITY INDEX DEPENDING ON DETERMINATION METHODOLOGY
NP-P5	Ana Ćirić , Jelena Milinković Budinčić, Lidija Petrović, Ljiljana Đekić CHARACTERIZATION OF ESCIN-LOADED CHITOSAN/XANTHANBASED POLYELECTROLYTE COMPLEXES FOR pH-DRIVEN ORAL DRUG DELIVERY



NP-P6	Gabor Katona, Davor Korčok , Nada Tršić-Milanović, Marina Kalić, Slađana Vojvodić, Nataša Jovanović-Lješković EFFECTS OF BLISTER PACKAGING ON THE VIABILITY OF ORAL PROBIOTIC STRAIN, <i>Lactobacillus plantarum</i> LP 299v
NP-P7	Ana Dinić , Ivana Gajić, Maja Urošević, Ljubiša Nikolić, Vesna Nikolić, Goran Nikolić, Ljiljana Takić LIPOSOMES WITH BIOCHANIN A – PREPARATION, CHARACTERIZATION AND IN VITRO DRUG RELEASE
NP-P8	Ana Đurović , Zorica Stojanović, Zuzana Bytešniková, Snežana Kravić, Lukáš Richtera, Martin Kormunda, Petr Bezdička OPTIMIZATION OF DIFFERENTIAL PULSE VOLTAMMETRIC METHOD FOR DETERMINATION OF TETRACYCLINE IN REAL SAMPLES WITH rGO-ZnO/GCE
NP-P9	Snežana Filip , Saša Đurović, Željko Žižak, Tatjana Stanojković, Pavel Riabov, Rade Božović, Dušan Jovanović, Stevan Blagojević CHEMICAL COMPOSITION AND ANTIPROLIFERATIVE ACTIVITY OF ANISE ESSENTIAL OIL
NP-P10	Ivana Gajić, Ana Dinić , Maja Urošević, Vesna Nikolić, Ljubiša Nikolić, Ivan Ristić, Branka Pilić, Aleksandra Nešić, Vesna Savić IN VITRO RELEASE OF BIOCHANIN A FROM ELECTROSPUN (POLY)LACTIDE NANOFIBRES
NP-P11	Ana Gledović , Aleksandra Janošević Ležaić, Snežana Savić OXIDATIVE STABILITY OF RED RASPBERRY SEED OIL NANOEMULSIONS: INFLUENCE OF TEMPERATURE, OIL AND ANTIOXIDANTS
NP-P12	Emilia Gligorić , Ružica Igić, Ljiljana Suvajdzic, Branislava Teofilović, Nevena Grujić COMPARATIVE ANALYSIS OF WILLOW LEAF EXTRACTS OBTAINED BY ULTRASOUND-ASSISTED EXTRACTION
NP-P13	Gordana Švonja Parezanović , Mladena Lalić-Popović, Nemanja Todorović, Jelena Čanji Panić, Nataša Milošević EFFECT OF HIGH AND LOW HUMIDITY ON THE RELEASE OF LAMOTRIGINE FROM IMMEDIATE RELEASE TABLET FORMULATIONS



NP-P14	Safija Herenda , Edhem Hasković, Lamiya Mujezinović EFFECT OF BOROXINE DERIVATES $K_2[B_3O_3F_4OH]$ ON THE ACTIVITY OF AMYLASE IN VITRO
NP-P15	Stela Jokić , Krunoslav Aladić, Igor Jerković, Maja Molnar, Martina Jakovljević Kovač, Drago Šubarić, Ivana Nemet, Sanda Vladimir-Knežević SUPERCRITICAL CO_2 EXTRACTION AS A SELECTIVE TECHNIQUE FOR OBTAINING INDUSTRIAL HEMP EXTRACTS RICH IN CBD AND TERPENES
NP-P16	Aleksandra Jovanović , Mina Volić, Nataša Obradović, Branko Bugarski COMPARISON OF LIQUID AND LYOPHILIZED SERPYLLI HERBA WASTE EXTRACTS PREPARED AT DIFFERENT pH VALUES
NP-P17	Jelena Čanji Panić, Nemanja Todorović, Milica Tubić, Ana Stjepanović, Nataša Milošević, Mladena Lalić-Popović EFFECT OF DILUENTS ON PHARMACEUTICAL-TECHNOLOGICAL CHARACTERISTICS OF IMMEDIATE RELEASE PARACETAMOL TABLETS
NP-P18	Nataša Milošević , Nemanja Todorović, Mladena Lalić-Popović, Dunja Vidović, Jelena Čanji Panić, Nebojša Banjac ASSOCIATION OF ANISOTROPIC LIPOPHILICITY OF 1-ARYL-3-METHYLSUCCINIMIDES OBTAINED BY RP-HPLC WITH IN SILICO PERMEABILITY PREDICTORS
NP-P19	Siniša Mladenović, Ivan Savić , Ivan Savić Gajić CHEMICAL COMPOSITION AND ANTIOXIDANT ACTIVITY OF CHAGA MUSHROOM EXTRACT GROWING IN SOUTHEASTERN SERBIA
NP-P20	Živan Mrkonjić , Dušan Rakić, Muammer Kaplan, Nemanja Teslić, Zoran Zeković, Ivana Lazarević, Branimir Pavlić POLYPHENOLS PROFILE OF WILD THYME EXTRACTS OBTAINED BY CONVENTIONAL SOLID-LIQUID AND ULTRASOUND-ASSISTED EXTRACTION
NP-P21	Neda Gavarić , Katarina Jeremić, Nebojša Kladar, Maja Hitl, Katarina Bjelić, Blagoje Prpa, Biljana Božin QUALITY CONTROL OF ANISE AND FENNEL FRUITS IN THE CITY OF NOVI SAD



NP-P22	Jovana Milutinov, Dejan Ćirin, Veljko Krstonošić, Nebojša Pavlović PHYSICAL AND BIOPHARMACEUTICAL PROPERTIES OF QUERCETIN EMULGELS FOR DERMAL DRUG DELIVERY
NP-P23	Katarina Radovanović , Nebojša Kladar, Biljana Božin, Katarina Bijelić, Blagoje Prpa, Milica Aćimović, Neda Gavarić CHEMICAL COMPOSITION AND ANTIOXIDANT ACTIVITY OF <i>O. VULGARE</i> VAR. <i>VULGARE</i> AND VAR. <i>HERACLEOTICUM</i>
NP-P24	Ana Ćirić, Jelena Milinković Budinčić, Lidija Petrović, Ljiljana Đekić INTERACTIONS IN ESCIN-LOADED CHITOSAN/XANTHAN-BASED POLYELECTROLYTE COMPLEXES: EVALUATION OF DRUG CONTENT AND DRYING METHOD IMPACT
NP-P25	Rita Ambrus , Petra Party, Patrícia Vargam, Csilla Bartos FABRICATION OF INHALABLE NANOPARTICLES USING ANTIINFLAMMATORY DRUGS
NP-P26	Darija Szadanić , Milica Atanacković Krstonošić, Dejan Ćirin, Mira Mikulić, Jelena Cvejić, Veljko Krstonošić CHARACTERIZATION OF GRAPE POMACE POLYPHENOLIC EXTRACTS OBTAINED BY AQUEOUS SOLUTIONS OF NON-IONIC SURFACTANTS
NP-P27	Aleksandra Sknepnek , Dunja Miletić, Živan Mrkonjić, Zoran Zeković, Viktor Nedović, Branimir Pavlić ANTIMICROBIAL ACTIVITY OF SUPERCRITICAL EXTRACTS FROM WILD THYME (<i>THYMUS SERPYLLUM</i> L.) BY-PRODUCTS
NP-P28	Ljiljana Stanojević , Slavčo Aleksovski, Aleksandra Milenković ¹ , Jelena Stanojević, Dragan Cvetković, Karmina Miteva ANTIOXIDANT ACTIVITY OF BLACK SEED (<i>NIGELLA SATIVAL</i> .) FATTY OIL OBTAINED BY DIFFERENT ISOLATION METHODS
NP-P29	Branislava Teofilović , Nevena Grujić Letić, Emilia Gligorić, Aleksandar Takači, Daniela Kenjerić COMPARISON OF DIETARY HABITS BETWEEN DIFFERENT FACULTIES IN NOVI SAD



NP-P30	Nemanja Todorović , Branislava Srđenović Čonić, Nebojša Kladar, Jelena Čanji Panić, Nataša Milošević, Mladena Lalić-Popović SOLVENT RESIDUES IN NIFEDIPINE SOLID DISPERSION OBTAINED BY KNEADING METHOD
NP-P31	Maja Urošević , Ljubiša Nikolić, Ana Dinić, Ivana Gajić, Marijana Vladimirov, Natalija Tošić, Vesna Nikolić, Vojkan Miljković THE RELEASE OF CURCUMIN FROM THERMO-SENSITIVE COPOLYMER
NP-P32	Simona Višnić , Lidija Petrović, Jelena Milinković Budinčić, Jadranka Fraj, Ljiljana Spasojević, Jelena Škrbić, Sandra Bučko, Jaroslav Katona AN INVESTIGATION OF THE INTERACTION OF GELATIN AND CETYLTRIMETHYLAMMONIUM- BROMIDE IN AQUEOUS SOLUTIONS
NP-P33	Siniša Simić, Ana Rita C. Duarte, Katarina Šavikin, Jelena Živković, Jelena Vladić EXTRACTION OF LEMON BALM (<i>Melissa officinalis</i> L.) USING NATURAL DEEP EUTECTIC SOLVENTS
NP-P34	Jelena Vladić , Siniša Simić, Alice Ferreira, Hugo Pereira, Luisa Gouveia INFLUENCE OF ULTRASOUND, MICROWAVE, AND ENZYMATIC PRETREATMENTS ON SUPERCRITICAL CO ₂ EXTRACTION OF <i>TETRAELMIS</i> SP. AND <i>CHLOROCOCCUM</i> SP.
NP-P35	Marijana Vladimirov , Ana Dinić, Vesna Nikolić, Maja Urošević, Ivana Gajić, Ljubiša Nikolić, Vesna Savić INCLUSION COMPLEX OF BETULIN WITH HYDROXYPROPYL-β-CYCLODEXTRIN: PREPARATION, CHARACTERIZATION AND TESTING OF PHASE SOLUBILITY
NP-P36	Marijana Vladimirov , Ana Dinić, Vesna Nikolić, Maja Urošević, Ivana Gajić, Ljubiša Nikolić, Vojkan Miljković PREPARATION AND CHARACTERIZATION OF BETULINIC ACID INCLUSION COMPLEX WITH HYDROXYPROPYL-β-CYCLODEXTRIN
NP-P37	Mina Volić , Nataša Obradović, Aleksandra Jovanović, Branko Bugarski OPTIMIZATION OF SWEET CHERRY EXTRACTION: EVALUATION OF TOTAL PHENOL CONTENT, PROTEIN CONTENT, AND ANTIOXIDANT ACTIVITY OF EXTRACTS



LECTURE SESSION I

20.10.2022. (Classroom 19/IV, Faculty of Technology Novi Sad)

Chair of the session: Olga Govedarica

PRP-IL1 15:00–15:30	Alexander Knyazev, Dragan Govedarica , Dmitry Grishin EDUCATIONAL AND SCIENTIFIC METHODS IN THE OIL AND GAS INDUSTRY	Invited lecture
PRP-IL2 15:30–16:00	Svetozar Eremić (NIS a.d.) and Dušan Rašković (NIS a.d.) OPERATING MANAGEMENT SYSTEM (OMS) FOR REFINERY OPERATIONS	Invited lecture
16:00–16:15	Coffee break	



LECTURE SESSION II

20.10.2022. (Classroom 19/IV, Faculty of Technology Novi Sad)

Chair of the session: Olga Govedarica

PRP-IL3 16:15–16:45	Igor Stanković (HIP Petrohemija) OPPORTUNITIES FOR DEVELOPMENT OF THE PETROCHEMICAL INDUSTRY IN SERBIA	Oral presentation
17:15–18:30	Poster session	
20:00	Gala dinner	



POSTER SESSION

20.10.2022. (Hall of Faculty of Agriculture), 17:15-18:30



PRP-P1	Sandra Glišić , Dragan Govedarica, Aleksandar Orlović INFLUENCES OF VARIOUS PROCESS PARAMETERS ON TRIGLYCERIDES HYDROGENATION REACTIONS OBTAINED BY ASPEN SIMULATION
PRP-P2	Sandra Glišić , Aleksandar Orlović SIMULATION OF MULTIPHASE CATALYTIC REACTOR FOR PROCESSING OF GAS OIL AND LIGHT CYCLE OIL FRACTIONS USING COMSOL MULTIPHYSICS SOFTWARE
PRP-P3	Sandra Glišić , Aleksandar Orlović ETHYL ESTER BASED BIODIESEL SYNTHESIS UNDER ELEVATED PRESSURE AND TEMPERATURE: PROCESS SIMULATION AND TECHNO-ECONOMIC STUDY
PRP-P4	Slavko Nešić , Julijana Blagojević, Jelena Ćulibrk, Olga Govedarica, Vlada Streletskaia, Sonja Stojanov, Dragan Govedarica EFFICIENT DEMULSIFICATION OF WATER-IN-PARAFFINIC CRUDE OIL EMULSION
PRP-P5	Olga Govedarica , Jelena Ćulibrk, Julijana Blagojević, Slavko Nešić, Vlada Streletskaia, Mirjana Jovičić, Dragan Govedarica CHEMICAL DEMULSIFICATION OF WATER-IN-NAPHTHENIC CRUDE OIL EMULSIONS
PRP-P6	Julijana Blagojević , Olga Govedarica, Novica Sovtić, Mirjana Jovičić, Jelena Pavličević, Sonja Stojanov, Dragan Govedarica INFLUENCE OF SURFACE TENSION ON EXTENDER OIL PERFORMANCES
PRP-P7	Ali Younes Nagi Mosbah, Julijana Blagojević, Dragan Govedarica , Sandra Glišić, Mirjana Jovičić, Olga Govedarica ESTIMATION OF PETROLEUM PRODUCTS PROPERTIES
PRP-P8	Denis Sarvari , Miloš Tripković, Azat Kilmamatov IMPROVEMENT OF STABILIZATION TECHNOLOGY OF WEAKLY CONSOLIDATED COLLECTOR
PRP-P9	Miroslav Šarić , Adrijana Burmudžija, Azat Kilmamatov MATRIX FORMATION FOR APPLICABILITY OF SUFFOCATION SOLUTIONS AND FLUIDS
PRP-P10	Dmitry Grishin , Marina Pavlovskaya, Ivan Kriulichev, Yulia Pronina CONTROLLED SYNTHESIS OF COPOLYMERS BASED ON HIGHER ALKYL(MET)ACRYLATES AND THEIR APPLICATION AS COMPLEX ADDITIVES TO DIESEL FUEL



LECTURE SESSION I

20.10.2022. (Classroom 10, Faculty of Technology Novi Sad)

Chairs of the Session: Bojana Ikonić and Dunja Sokolović

SDCE-IL1 15:00–15:30	Brankica Kartalović , Jelena Vranešević, Željko Milovac, Filip Franeta, Gorica Vuković HOW DOES USE OF PESTICIDES IN PROTECTION OF OILSEED RAPE PRODUCTION AFFECT BEE HEALTH AND SAFETY OF BEE PRODUCTS?	Invited lecture
SDCE-IL2 15:30–16:00	Ivica Strelec , Krunoslav Aladić, Marta Ostojčić, Sugato Hajra, Hoe-Joon Kim, Nikola Maravić, Jovana Stanojev, Sandra Budžaki A STEP TOWARD COMPLETE UTILIZATION OF EGG SHELL WASTE	Invited lecture
16:00–16:15	Coffee break	



LECTURE SESSION II

20.10.2022. (Classroom 10, Faculty of Technology Novi Sad)

Chairs of the Session: Danela Šojić Merkulov and Milica Hadnađev–Kostić

SDCE-OL1 16:15–16:30	Fernanda Pantoja , Ákos Fazekas, Elias Sisay, Sándor Beszédes, Zsuzsanna László APPLICATION OF MEMBRANE SEPARATION AND ADSORPTION FOR NUTRIENT RECOVERY FROM DAIRY WASTE WATERS	Oral presentation
SDCE-OL2 16:30–16:45	Vesna Antoska Knights , Tatjana Kalevska APPLIED STATISTICS AS A TOOL IN QUALITY CONTROL ON ADVANCED PRODUCTION	Oral presentation
SDCE-OL3 16:45–17:00	Ana Dajić , Marina Mihajlović, Milica Svetozarević IS THERE ALTERNATIVE TECHNOLOGY WHERE USE OF NaOCl IN WASTEWATER TREATMENT DOESN'T HAVE HARMFUL CONSEQUENCES?	Oral presentation



17:15–18:30	Poster session	
20:00	Gala dinner	
	LECTURE SESSION III 21.10.2022 (Classroom 10, Faculty of Technology Novi Sad) Chairs of the Session: Jelena Pavličević and Jasmin Šuljagić	
10:00–10:15	MC Labor	Sponsor
SDCE-OL4 10:15–10:30	Sándor Beszédes , Zoltán Jákói, Laura Haranghy, Réka Dobozi, Cecilia Hodúr MONITORING OF BIOMASS FERMENTATION EFFICIENCY BY DIELECTRIC MEASUREMENT	Oral presentation
SDCE-OI5 10:30–10:45	Nikolett Sz. Gulyás , Cecilia Hodúr, Eszter Szőke-Trenyik, Balázs Szabó, Szabolcs Kertész APPLICATION OF RESPONSE SURFACE METHODOLOGY TO THE ULTRAFILTRATION OF DAIRY WASTEWATER	Oral presentation
SDCE-OI6 10:45–11:00	Hadid Sukmana , Etelka Tombácz, Gergő Ballai, Gábor Kozma, Zoltán Kónya, Cecilia Hodúr THE ADSORPTION OF CATIONIC DYES FROM AQUEOUS SOLUTION USING HUNGARIAN AND INDONESIAN RICE HUSK	Oral presentation
SDCE-OI7 11:00–11:15	Jelena Kovač , Branislava Nikolovski, Jelena Bajac BIO-OIL MODEL SYSTEM SEPARATION BY VACUUM DISTILLATION: OPTIMIZATION WITH ASPEN PLUS	Oral presentation



11:15-11:30 h	Coffee break
12:30-13:30 h	Lunch
14:00 h	Excursion Meeting point: Entrance of Faculty of Technology

POSTER SESSION

20.10.2022. (Hall of Faculty of Agriculture), 17:15-18:30

SDCE-P1	Zsuzsanna László , Elias Sisay, Erika Santos, Ákos Fazekas, Gábor Veréb APPLICATION OF MIXED MATRIX MEMBRANES FOR FOULING MITIGATION DURING MEMBRANE FILTRATION OF WASTEWATERS
SDCE-P2	Dragana Kukić , Vesna Vasić, Ricardo Costa, Duarte Neiva, Ana Lourenço, Jorge Gominho, Mirjana Antov, Marina Šćiban VALORIZATION OF BLACKBERRY AGRO-RESIDUES UNDER THE BIOREFINERY CONCEPT FOR WASTEWATER TREATMENT
SDCE-P3	Biljana Đorđević , Milan Kostić, Zoran Todorović, Olivera Stamenković, Ljiljana Veselinović, Vlada Veljković A TRIETHANOLAMINE: CHOLINE CHLORIDE DEEP EUTECTIC SOLVENT AS A COSOLVENT IN THE ETHANOLYSIS OF BRASSICA NIGRA L. SEED OIL
SDCE-P4	Vladimir Puškaš , Uroš Miljić, Igor Antić, Maja Buljovčić, Jelena Živančev, Nataša Đurišić-Mladenović TERPENE PROFILING OF WHITE WINE MADE OF REGIONAL GRAPE VARIETY- GRAŠAC



SDCE-P5	Milan Sovilj, Momčilo Spasojević, Branislava Nikolovski HYDRODYNAMICS AND MASS TRANSFER IN SIEVE-PLATE EXTRACTION COLUMNS
SDCE-P6	Slađana Krivošija , Igor Jerković, Nataša Nastić, Krunoslav Aladić, Stela Jokić, Senka Vidović INTRODUCING GREEN EXTRACTION TECHNIQUE FOR OBTAINING BIOACTIVE COMPOUNDS FROM ORANGE PEEL (<i>CITRUS SINENSIS</i> L.) HERBAL DUST
SDCE-P7	Mirjana Sulejmanović , Igor Jerković, Nataša Nastić, Krunoslav Aladić, Stela Jokić, Senka Vidović UTILIZATION OF GINGER (<i>ZINGIBER OFFICINALE</i>) HERBAL DUST USING SUPERCRITICAL EXTRACTION TECHNOLOGY
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CLOSING CEREMONY
22.10.2022. (Amphitheatre of Faculty of Technology Novi Sad)

11:45–12:15

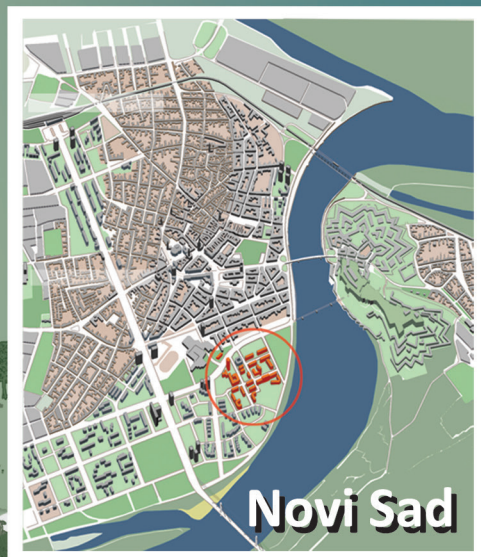
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Thank you for participating in the ICAPP conference.
We hope to see you again in 2025!





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