



2nd International Conference
on Advanced Production and Processing



On behalf of the Faculty of Technology Novi Sad, University of Novi Sad, the organisers invite you to attend the 2nd International Conference on Advanced Production and Processing (ICAPP) which will take place in Novi Sad, Serbia from 20th to 22nd October 2022.

2nd International Conference on Advanced Production and Processing (ICAPP) is a comprehensive scientific conference with the focus on advanced research on production and processing in various fields of technology.

The 3rd ICAPP will be organized in 2024 at the same institution.

The 2nd ICAPP 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. In addition, the aim of the Conference is to bring together engineers from different fields of industry and science and initiate networking, creation of new ideas, joint researches, new projects and innovations.

At the same time with the conference will be held
1st TwiNSol-CECs Workshop

“Advance multicomponent analyses and novel solutions for protection of environmental resources with contaminants of emerging concern in focus”

organized within the Horizon Europe (HE) project TwiNSol-CECs (GA 101059867) as the first open-access project event



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JOIN US AT THE CONFERENCE

Participants are welcomed to submit:

- Abstracts,
- Full papers.

Presentation can be oral or poster, with additional possibility of participation without abstract.

ABSTRACT SUBMISSION

Organisers of the Conference welcome online abstract submissions written in English language that are closely related to the areas specified in Conference Topics/Sessions, until 15th July 2022.

All abstracts should represent original scientific work. Submitted abstracts will be carefully reviewed and the notification of abstract acceptance will be sent to authors via e-mail not later than 4 weeks after abstract submission.



REGISTRATION FEE AND PAYMENT INSTRUCTIONS

Conference registration fee is symbolic and it is 72 (60+VAT) euros per conference participant.

Registration fee includes:

- Participation in all sessions
- Conference materials
- Coffee Breaks and Buffet
- Certificate of Attendance
- Guided tour of Novi Sad, Petrovaradin Fortress and Sremski Karlovci



Gala dinner will be charged additionally in the amount of 30 (25+VAT) euros.

IMPORTANT DATES

Conference dates: from 20th to 22nd October 2022

Deadline for registration: **Extended to 15th July 2022**

Deadline for abstract submission: **Extended to 15th July 2022**

Notification of abstract acceptance: The authors will be informed via e-mail within 4 weeks.

Deadline for full paper submission: 30th September 2022

Full papers will be published in the Conference Proceeding

Deadline for registration fee payment: **15th September 2022**



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CONFERENCE CHAIRMAN

Prof. **Biljana Pajin**, Dean
Faculty of Technology Novi Sad,
University of Novi Sad, Serbia

SCIENTIFIC COMMITTEE

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Prof. Vlada Veljković, Corresponding Member of Serbian Academy of Sciences and Arts, F. 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, USA
Prof. Vladimir Srdić, Corresponding member of Serbian Academy of Sciences and Arts, F. 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 (INCOTEX), Bucharest, Romania
Polonca Ropret, Principal Research Fellow, 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



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ORGANISING COMMITTEE

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Ljiljana Spasojević, Research Assistant
Jelena Tanasić, Research Assistant
Andrea Nesterović, Research Assistant
Milana Pribić, Teaching Assistant
Julijana Blagojević, Teaching Assistant
Jelena Škrbić, Research Trainee
Sonja Stojanov, Research Trainee

PLANNED SPEAKERS

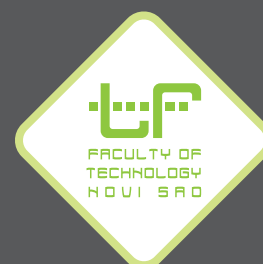
Academics

- Prof. **Gökhan Zengin**, Department of Biology, Science Faculty, Selcuk University, Konya, Turkey
- Prof. **Joao Crespo**, NOVA School of Science and Technology, Universidade Nova de Lisboa, Portugal
- **Marinella Farré**, Principal Research Fellow, Institute of Environmental Assessment and Water Research, CSIC, Barcelona, Spain
- Prof. **Ioannis Mourtzinou**, Aristotle University of Thessaloniki, Department of Food Science and Technology, Thessaloniki, Greece
- Prof. **Danijala Bursać Kovačević**, Faculty of Food Technology and Biotechnology, University of Zagreb, Croatia
- Prof. **Petar Vrgović**, Faculty of Technical Sciences, University in Novi Sad, Novi Sad, Serbia
- **Brankica Kartalović**, Research Associate, Scientific Veterinary Institute "Novi Sad", Serbia
- Prof. **Daniela Korolija Crkvenjakov**, Academy of Arts, University of Novi Sad, Serbia
- Prof. **Alexander Knyazev**, Lobachevsky State University of Nizhni Novgorod, Russia

Industry

- **Aleksandar Pajić**, Nestlé, Germany
- **Eleonora Božo-Zaboš**, Biospringer RS d.o.o., Senta, Serbia
- **Jelena Jurić**, Barry Callebaut, Novi Sad, Serbia
- **Ivan Živanović**, Hemofarm a.d., Šabac, Serbia
- **Vesna Jelenić**, Yuco hemija d.o.o., Bački Jarak, Serbia
- **Biljana Bogdanović**, Sunoko d.o.o., Novi Sad, Serbia
- **Damir Čjepa**, Lafarge BFC d.o.o., Beočin, Serbia
- Speaker from NIS a.d., Novi Sad, Serbia
- Speaker from HIP-Petrohemija a.d., Pančevo, Serbia

from the Faculty of Technology
Novi Sad,
University of Novi Sad, Serbia



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Innovative Food Science and Bioprocesses

Food engineering, Food packaging, Food safety, Food preservation, Food biotechnology, Beverage biotechnology, Fermentation technology, Microbial biotechnology, Food waste and byproducts valorization, Nutrition, Added-value food, Enzimology, Microbiology, Methods of food analysis.

2

Nutraceuticals and Pharmaceuticals

Advances in pharmaceutical technology, Pharmaceutical nanotechnology, Particle engineering, Extraction techniques, Innovations in drug delivery, Modern pharmaceutical analysis, Pharmaceutical formulations, Herbal medicines and formulations, Probiotics, Protein supplements, Immunonutrition, Bioactive nutraceuticals, Lifestyle and health.

3

Sustainable Development, Chemical and Environmental Engineering

Renewable energy, Waste management and valorization, Green technologies, Water and wastewater treatment, Remediation, Cleaner production, Zero emission, Pollutants monitoring and management, Risk assessment, Energy efficiency, Lifecycle assessment, Catalytic engineering, Mathematical modelling and simulation, Reactor engineering, Process intensification, optimization, dynamics and control.

4

Materials Design and Applications

Ceramic materials, Polymeric materials, Composites, Nano and hybrid materials, Biomaterials, Recycled materials, Functional and smart materials, Refractory, cement and clays, Materials design, Materials characterization, Materials processing, Materials applications, Materials for protection and conservation in cultural heritage.

5

Petroleum Refining and Production

Refining, Petrochemicals, Gas processing, Petroleum products, Petroleum and natural gas production, Environmental control in oil industry, Equipment and integrated processes modelling and optimisation, Chemistry of petrochemical processes, Catalysts in petroleum refining, Emulsions and oil treating equipment.



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CONFERENCE VENUE

The 2nd International Conference on Advanced Production and Processing (ICAPP), will take place at the Faculty of Technology Novi Sad (Bulevar Cara Lazara 1, 21000 Novi Sad, Serbia) and at the Rectorate of the University of Novi Sad (Dr Zorana Đinđića 1, 21000 Novi Sad, Serbia). The Rectorate of the University of Novi Sad and the Faculty of Technology Novi Sad are situated on the bank of the river Danube, in the vicinity of the famous Petrovaradin Fortress, built in the 18th century, and the old city centre.



For more information about the Conference, please visit our [website](http://www.tf.uns.ac.rs) (www.tf.uns.ac.rs) or send us an e-mail at icapp@uns.ac.rs.

CITY OF NOVI SAD



Novi Sad is the main administrative, scientific, economic, cultural, political and touristic centre of the Autonomous Province of Vojvodina and the second largest city in the Republic of Serbia. Novi Sad has the reputation of a multinational, multicultural and multi-confessional metropolis in which all differences are seen as advantages.

