

## 1<sup>st</sup> TwINSol-CECs Workshop

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

University of Novi Sad, Faculty of Technology Novi Sad (TFNS), Novi Sad, Serbia,  
20-21 October 2022

#### Scientific Committee *(in alphabetic order)*

Prof. João G. Crespo, NOVA University of Lisbon, Portugal

Dr. Marijana Dragosavac, Loughborough University, UK

Prof. Nataša Đurišić-Mladenović, TFNS, Serbia, Chair

Dr. Marinella Farré, IDAEA-CSIC, Barcelona, Spain

Dr. Szabolcs Kertész, Department of Biosystems Engineering, Faculty of Engineering, University of Szeged, Hungary

Prof. Biljana Pajin, TFNS, Serbia

Prof. Ivica Strelec, Faculty of Food Technology Osijek, Josip Juraj Strossmayer University of Osijek, Croatia

Prof. Zita Šereš, TFNS, Serbia

Prof. Marina Šćiban, TFNS, Serbia

Prof. Maja Turk-Sekulić, Faculty of Technical Sciences, University of Novi Sad, Novi Sad, Serbia

#### Organizing Committee *(in alphabetic order)*

Dr. Igor Antić, TFNS, Serbia,

Maja Buljovčić, TFNS, Serbia,

Dr. Dragana Kukić, TFNS, Serbia,

Dr. Ivana Lončarević, TFNS, Serbia,

Dr. Nikola Maravić, TFNS, Serbia,

Dr. Ivana Nikolić, TFNS, Serbia,

Dr. Sanja Panić, TFNS, Serbia,

Dr. Jovana Petrović, TFNS, Serbia,

Dr. Vesna Vasić, TFNS, Serbia,

Dr. Jelena Živančev, TFNS, Serbia,

## Agenda

**20 Oct 2022** (*timing will be confirmed in accordance to the official program of 2nd ICAPP*)  
Morning session, University of Novi Sad Rectorate building

Registration

Official opening – joint session of the 1st TwINSol-CECs Workshop and 2nd ICAPP

Plenary lectures (30 min per lecture + 5 min for Q&A after each lecture):

João G. Crespo: **Membranes in Bioprocessing**

*Coffee break*

Marinella Farré, Marta Llorca, Katerina Savva, Albert Vega: **The challenge of assessing contaminants of emerging concern in the environment**

*Networking with coffee* – Exploring further project endeavours

*Lunch break*

Afternoon session, Faculty of Technology Blue Hall

*Invited lectures on TWINNING projects (15 min per project + 5 min for Q&A after each lecture):*

Nataša Đurišić-Mladenović, Zita Šereš, Biljana Pajin, Jelena Živančev, Nikola Maravić, Igor Antić, TFNS: **Twinning for excellence in protection of environmental resources: TwINSol-CECs**

Biljana Basarin, Faculty of Sciences: **ExtremeClimTwin**

Snežana Maletić, Faculty of Sciences: **Twinning excellence on organic soil amendments effect on nutrient and contaminant dynamics in the subsurface, TwinSubDyn**

*Coffee break*

Đurđa Kerkez, Faculty of Sciences: **SmartWaterTwin**

Dragana Miladinović, Institute of Field and Vegetable Crops: **CROPINNO**

*tbc*

### 21 Oct 2022

Morning session, Faculty of Technology Blue Hall

9,00-10,00      Registration

*Invited lectures on topics of TwINSol-CECs interest (20 min per project + 5 min for Q&A after each lecture):*

10,00-10,25      Jelena Živančev, Analysis of CECs in the environment of Western Balkans

10,25-10,50      Nikola Maravić, Membrane technologies in water treatment

- 10,50-11,15 Szabolcs Kertész, Gabriella Huszár, Balázs Szegedi, József R. Lennert, József Csanádi, Nikolett Sz. Gulyás, Zsuzsanna László, Gábor Veréb, Sándor Beszédes, Cecilia Hodúr:  
**Opportunities and challenges for membrane separation process intensification**
- 11,15-11,30 *Coffee break*
- 11,30-11,55 Vesna Vasić, Dragana Kukić, Marina Šćiban: Biomaterials in water and wastewater treatment
- 11,55-12,20 Sandra Budžaki, Zita Šereš, Ivica Strelec: Immobilization of lipases on functionalised carriers produced from selected agro-food industrial waste
- 12,20-12,45 Sanja Panić, Mirjana Petronijević, Nataša Đurišić-Mladenović: The development strategies for nano-engineered heterogeneous catalysts for wastewater treatment – towards greener approach
- 12,00-13,00 tbc Oral presentation of registered participants
- 13,00-14,30 *Lunch break*  
Afternoon session, Faculty of Technology
- 14,30-16,30 Poster presentations
- 16,30-17,00 *Coffee break*
- 17,00-17,15 Concluding remarks

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