# UNIVERSITY "UNION - NIKOLA TESLA"



# THE FIFTH INTERNATIONAL CONFERENCE ON SUSTAINABLE ENVIRONMENT AND TECHNOLOGIES

"Creating sustainable commUNiTy" ON-LINE



Cara Dušana 62-64, Belgrade, http://unionnikolatesla.edu.rs

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INSTITUTE FOR PROTECTION AND ECOLOGY OF THE REPUBLIC OF SRPSKA (IPERS)



PETROLEUM-GAS UNIVERSITY OF PLOIEȘTI, ROMANIA



SERBIAN WATER PROTECTION SOCIETY

# TIME AND PLACE

26 SEPTEMBER 2025,
UNIVERSITY "UNION - NIKOLA TESLA",
ON-LINE

# IMPORTANT DATES

01.05.2025. ABSTRACTS SUBMISSIOM 15.08.2025. FULL MANUSCRIPTS SUBMISSION

# REGISTRATION FEE

40 EURO/4500 DIN

# WAY OF APPLICATION

THE APPLICATION SHOULD CONTAIN A LIST OF AUTHORS WITH AFFILIATIONS, AN INDICATION AND E-MAIL ADDRESS OF THE CORRESPONDING AUTHOR AND THE FULL TITLE OF THE PAPER DELIVER TO E-MAIL ADDRESS CONFERENCE@UNIONNIKOLATESLA.EDU.RS

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FRIDAY 26.09.2025.

### 10:00-10:30 CONFERENCE OPENING

### 10:30-12:00 PLENARY LECTURES

- Dipl. Ing. MA Rolf Schuett, Systemarchi, Kernen im Remstal, Germany THE COCHABAMBA VALLEY AND THE KEY ROLE OF A COMMUNITY-LED HINTERLAND FOR RESILIENCE PLANNING
- Prof. Ali Alraouf Architecture and Urbanisim. Advisor, Qatar Urban Planning

THE URBAN REGENERATION OF A DETERIORATED HERAT THE CASE OF MSHEIREB, DOHA - QATAR

### 12:00-13:00 ORAL PRESENTATIONS

- Ana Janković , Milena Stevanović , Marija Djošić , Teodor M. Atanackovic, Vesna Mišković Stanković, DIFFUSION MODELS OF DRUG RELEASED IN POLY(VINYL ALCOHOL)/ CHITOSAN/GENTAMICIN HYDROGELS
- Ljiljana Nikolić-Bujanović , Sanja Mrazovac Kurilić , Predrag Ilić OPEN RESPONSIBLE RESEARCH AND INNOVATION: OPPORTUNITIES AND CHALLENGES
- Miljan Šunjević, Boris Obrovski, Vladimir Rajs, Sanja Dubljević, Aleksandra Čavić

PM EFFECTS FROM DEMOLITION OF THE OLD PAPER FACTORY IN NOVI SAD

### 13:00-14:30 POSTER PRESENTATIONS

- Olja Krčadinac, Željko Stanković, Sanja Mrazovac Kurilić MICROCONTROLLER-BASED SIMULATION OF PARALLEL PROGRAMMING
- Olja Krčadinac, Saša Ljubojević and Branko Latinović ANALYSING ROAD PROXIMITY TO FOREST AREAS AS A WILDFIRE RISK FACTOR IN BOSNIA AND HERZEGOVINA
- Aleksandra Ivanov, Katarina Stevanović, Aleksandar Radonjić, Željko Stanković, Lazar Stošić, Olja Krčadinac ARTIFICIAL INTELLIGENCE AND DIGITAL PLATFORMS IN THE SERVICE OF EDUCATION FOR SUSTAINABLE DEVELOPMENT
- Dudić Dragana, Ratković Nebojša, Đokić Ana and Krčadinac Olja TEACHING THROUGH CONTRIBUTION WITH WIKIPEDIA AS A PLATFORM FOR CRITICAL SKILL DEVELOPMENT
- Milan Lujić, Irena Parović, Dejan Beljaković, Aleksandar Milajić GENERAL STRUCTURAL ASPECTS OF ENERGY EFFICIENT BUILDINGS

- Ivana Stošić, Tatjana Kosić, Bogdan Lazić
  AIR POLLUTION FROM HOSPITALITY ESTABLISHMENTS –CHARACTERISTICS AND
  PROPOSED MEASURES
- Rista Popović, Tatjana Kosić

  DEVELOPMENT OF THE RENEWABLE ENERGY SOURCES IN THE REPUBLIC OF

  SERBIA CASE STUDY OF THE WIND POWER PLANT "ČIBUK 1" IN THE TERRITORY

  OF THE MUNICIPALITY OF KOVIN
- Violeta Nikolić, Aleksandra Milošević, Vladanka Presburger-Ulniković, Novica Staletović

COMPARATIVE ANALYSIS OF AMBIENT AND INDOOR AIR QUALITY AT UNIVERSITY UNION - NIKOLA TESLA: FOCUS ON PM2.5, PM10 AND CO2

• Novica Staletović, Violeta Nikolić, Vladanka Presburger-Ulniković, Robert Rekecki

MONITORING: A KEY FACTOR IN ENVIRONMENTAL PROTECTION IN CERAMIC PRODUCTION

• Jugoslav Aničić, Ana Anufrijev, Vuk Miletić, Miljana Barjaktarović, Saša Stefanović

CAPITAL MANAGEMENT AND PLANNING IN BANKING SECTOR

- Hadi Waisi, Miloš Marinković, Zoran Sekulić, Marko Milojković, Sanja Krstić, Martina Waisi, Aleksandar Janićijević CHEMICALLY ACTIVATED BIOCHAR FROM IQOS RESIDUES AS AN EFFICIENT ADSORBENT FOR DICLOFENAC REMOVAL FROM WATER
- Hadi Waisi , Miloš Marinković, Zoran Sekulić, Marko Milojković, Stevan Blagojević, Martina Waisi, Aleksandar Janićijević FECAL BACTERIA AS INDICATORS OF SOIL SANITARY STATUS
- Hadi Waisi, Miloš Marinković, Zoran Sekulić, Marko Milojković, Aleksandra Radulović, Martina Waisi, Aleksandar Janićijević
  PREPARATION AND CHARACTERIZATION OF ACTIVATED CARBON DERIVED FROM VINEYARD PEACH STONES

### 14:30-16:00 ORAL PRESENTATIONS

- Stoimenov Suzana, Gračanac Aleksandar, Marijana Joksimović CIRCULAR ECONOMY THROUGH EMPLOYMENT IN CIRCULAR SECTORS
- Tatjana Ilić-Kosanović , Damir Ilić

LEADERSHIP, WORKFORCE, AND OPERATIONS MANAGEMENT IN INDUSTRY 4.0

Damir Ilić, Tatjana Ilić-Kosanović

CYBERSECURITY STRATEGIES FOR THE TRANSITION FROM INDUSTRY 4.0 TO INDUSTRY 5.0

- Tatjana Anđić, Vladimir Stevanović TWO REALITIES OF ARCHITECTURE: FROM TECHNOLOGICAL EUPHOIA TO IRONY OF POPULAR CULTURE
- Olgica Nestorović , Dušan Aničić , Marijana Milunović , Gordana Bejatović Boris Latinović

ECONOMIC POLICY IN THE FUNCTION OF SOLVING ECONOMIC CRISES