

UNIVERSITY OF NOVI SAD

Technical faculty "Mihajlo Pupin" Zrenjanin, Republic of Serbia



Department of Mechanical Engineering and Department of Environmental Protection are organizing

XII International Conference

INDUSTRIAL ENGINEERING AND ENVIRONMENTAL PROTECTION 1178 2022



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CONFERENCE TOPICS AND SUB-TOPICS

INDUSTRIAL ENGINEERING

Mechanical Engineering:

- Technology of machine processing
- Materials and technology
- Mechanization and constructions
- Transportation and storage
- Assembly technologies
- Computer engineering CAD/CAM
- Engineering education
- University and industry cooperation

Energetics and Process Technique:

- Thermal power plants
- Energy efficiency
- Rationalization of energy consumption
- Review of implemented projects in the economy Energy efficiency and alternative
- Alternative energy sources
- Energetski menadžment
- Process plants
- Process engineering development, state and perspectives
- Processes, operations and equipment
- Process management
- Solutions of problems from technical practice
- Biotechnology

Designing and Maintenance:

- Designing and construction of plants
- Designing, exploitations and maintenance of machines and plants
- Project Management
- Maintenance of technical systems in industry
- Computer integrated maintenance
- Technical diagnostics
- Organization of maintenance

Oil and Gas Engineering:

- Maintenance and repair of facilities and equipment
- Construction of oil and gas pipelines
- Transportation of oil and gas
- Oil and gas pipeline system and compressor stations
- Storage facilities and oil and gas petroleum products
- Project of installation and equipment for gas techniques for the production, storage, transport and use of natural and other flammable gases

ENVIRONMENTAL ENGINEERING

Health and environmental protection:

- Monitoring of air, water and soil
- Emission sources
- The impact of process industry on the quality of the environment
- Flue gas treatment
- Protection of water resources
- Wastewater and sludge treatment
- Drinking water current problems and possible solutions
- Protection of soil
- Remediation of polluted soil and ground water
- Noise, vibration and radiation
- Waste management
- Energy efficiency and alternative energy sources
- Climate changes
- Impact of pollution on the human health

Environmental management:

- Accident management
- Environmental policy and management
- Development of environmental protection through education and information acitivities
- Green economy and sustainable development
- Natural resource management
- Spatial planning and urban development
- Innovation in environmental protection

Occupational safety:

- Accidents in a workplace
- Personal protective equipment
- Handling of hazardous chemicals
- Alarm systems
- Indicators of quality of the working environment

TIME AND PLACE OF SCIENTIFIC CONFERENCE

Technical faculty "Mihajlo Pupin", Zrenjanin, October 6 - 7, 2022

SUBMISSION OF PAPERS

Submission date: September 20, 2022.

TECHNICAL PREPARATION OF PAPERS

Up to 8 pages (Times New Roman, 11 PT), A4 format, using English language. (Please prepare your papers according to the Guidelines in our website).

REGISTRATION FEE

Participants: - 6.000 RSD per paper (with taxes),

- 50 euro per paper for international participants.

SPONSORSHIP AND ADVERTISEMENT

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Sponsor of the conference: 6.000 RSD (will be stated in the Proceedings).

ACCOMMODATION

http://www.zrenjanin.rs/en/visit-zrenjanin/hotels

REGISTRATION OF PARTICIPANTS AND CONFERENCE OPENING

Registration of participants: October 6 – 7, 2022. Conference opening: October 7, 2022 at 10 am.

INFORMATION

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