

**Faculty of Mechanical
Engineering 11000
Belgrade, Serbia**

**„International Conference
of Experimental and
Numerical Investigations
and New
Technologies“**



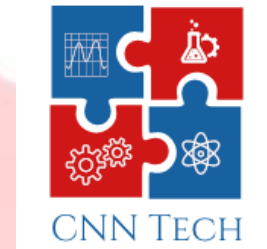
CNN Tech²⁰²⁴



**Conferece email:
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**„International Conference of
Experimental and Numerical
Investigations
and New Technologies“**

sponsored by
Ministry of Education, Science and Technical
Development of the Republic of Serbia

24 Jun - 27 Jun 2024

Belgrade, Serbia

Call for Abstracts and Papers



International Conference of Experimental and Numerical Investigations and New Technologies

Idea for establishment of **International Conference of Experimental and Numerical Investigations and New Technologies** was initiated by University of Belgrade Faculty of Mechanical Engineering and Innovation center of Faculty of Mechanical Engineering. The conference aim is to provide platform for Students, Engineers, Researches and Scientists to enhance their knowledge as well to share their knowledge and ideas in the field of Engineering, Science and Technology.

REGISTRATION INFORMATION

Early bird Registration (until Apr 01, 2024)	350 €
Late Registration (until Jun 05, 2024)	430 €
Onsite Registration	430 €
Early bird Student ¹ Registration	150 €
Late Student ¹ Registration	180 €
Onsite Student ¹ Registration	180 €

¹Student registration forms must be accompanied by a signed letter from head of department attesting to student's status.

The registration fee includes:

- Access to the Conference sessions, Poster area and Workshops
- All conference documents and certificate of attendance
- Lunch and mid-session refreshments as scheduled in the Conference program
- Conference dinner



SCOPE OF THE CONFERENCE

1. **Mechanical Engineering:** Structural Integrity, Fracture and Fatigue, Analytic methods for Engineering Design, Hydropower plants and equipment, Thermal Power Plants, Green Energy, Renewable energy
2. **Engineering Materials:** Nanomaterials, Design of Welded Structures, Materials for strategic application (space, defense, nuclear), Composite materials, Iron and steel extraction and processing, Biomaterials
3. **Chemical and Process Engineering** Chemical Engineering, Biofuels in Combustion Processes, Chemical and Biochemical operations and Reactors, Design, construction and operation of processing systems, Water treatment, Organic chemistry and polymers, Equipment and maintenance, Sustainable development, Food Engineering and Biotechnology, Environmental Engineering.
4. **Experimental Techniques:** Experimental Fluid Mechanics and thermodynamics, Result processing, DIC
5. **Numerical Methods:** Optimization Techniques Applied to Engineering problems, Data science, Fluid dynamics, Heat transfer and porous media flow, Computational chemistry, Computational biology and medicine
6. **New Technologies:** Advanced Technologies and their Applications in Engineering, production, Intelligent manufacturing systems, Robotics
7. **Clear sky:** Sustainable cities, Aerodynamics for clearer skies, Novel materials & structures, Eco design & manufacturing, Transport & propulsion
8. **Artificial intelligence:** General artificial intelligence, Explainable artificial intelligence, Environmental modeling, Air pollution and biomatrix modeling
9. **Dental Materials and Structures:** Restorative Materials, Digital Dentistry, Dental 3D printing, FEM in Dentistry
10. **Sustainable Design and New Technologies:** Cad/Cam/CAE Technology and Design Tools, Virtual Reality in Education – Class VR, Environmental Sustainable Design and Circular Economy, Design Management, Innovation and Quality, Computational Design and Digital Fabrication, Reusing and Upcycling Materials

INFORMATION

Accommodation

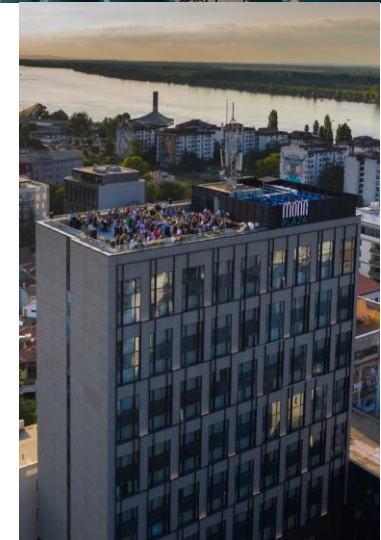
The participants will be accommodated in hotel Mona, average price 67 Euro for single and 40 Euro for double bed room (per person).

<http://www.monazlatibor.com/>

Further information's are available at:

www.cnntechno.com

E-mail address: cnntechno@gmail.com



Lecture Notes in Networks and Systems 99

Nenad Mitrović
Milos Milosevic
Goran Mladenovic *Editors*

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