

## moNGeometrija 2021

### CALL FOR PAPERS

We are pleased to invite you to submit papers for the 8th International Conference moNGeometrija focused to the research about geometry and graphic and application to science, engineering and art. Conference will take place at the Faculty of Mechanical Engineering, University of Belgrade, Belgrade, Serbia, on 10-12 June 2021.

IMPORTANT: A selection of papers presented at the conference moNGeometrija2021 will be chosen for publication in a future issue of the FME Transactions!

### Important dates:

- Registration opening: 20. January 2021.
- Abstract submission: 10. March 2021.
- Notification of abstract acceptance: 25. March 2021.
- Full Paper submission: 15. June 2021.
- Notification of acceptance: 10. July 2021.
- Early registration ends: 25. July 2021.

Please note that at least one author must be registered in the Conference until the 5<sup>th</sup> of August, 2021 to assure the publication of the paper in the Conference Proceedings. One registration covers the publication of one paper.

## Conference fee (if pandemic condition will allow physical Conference)

Conference fee	Participants	Students	Additional paper/participant	Accompanying persons
Early registration till July 10.2021.	75€	50€	40€	40€
Registration after July 10.2021.	90€	65€	55€	55€
Printed abstract proceedings	✓	✓	✗	✗
Full proceedings on USB key	✓	✓	✓	✗
Conference bag	✓	✓	✓	✗
Lunches	✓	✗	✓	✓
Welcome reception	✓	✓	✓	✓
Coffee-breaks	✓	✓	✓	✓
Excursion	✗	✗	✗	✗
Conference dinner	✓	✓	✓	✓
Hotel fee	✗	✗	✗	✗

Information about fee for excursion will be soon.

## Conference fee (if due pandemic condition Conference will be on-line)

Conference fee	Participants	Students	Additional paper/participant	Accompanying persons
Early registration till July 10.2021.	50€	35€	30€	30€
Registration after July 10.2021.	9065€	40€	45€	45€
Printed abstract proceedings	✓	✓	✗	✗
Full proceedings on USB key	✓	✓	✓	✗
Conference bag	✓	✓	✓	✗
Postal expenses for Conference material delivery	✓	✓	✗	✗
On line- platform access	✓	✓	✓	✓

## **Abstract Guidelines:**

This information will be able soon.

## **Paper Preparation Guidelines:**

This information will be able soon.

## **Poster Preparation Guidelines:**

This information will be able soon

## **Conference topics:**

### **Theoretical geometry and graphics**

- Theoretical Graphics
- Geometry of Curves and Surfaces
- Kinematic Geometry
- Descriptive Geometry
- Projective Geometry and Perspective
- Theory of Polyhedral

### **Applied geometry and graphics**

- Geometry and Graphics in Science, Architecture, Urbanism and Engineering
- Modeling of Objects and Processes
- Geometry of Space Structures
- Geometry and Graphics in Art and Design
- Folding Geometry and Origami
- Computer Animation and Games
- Image-based Modeling
- Virtual and Augmented Reality
- City Modelling and GIS
- Geometry application in Anthropometry

### **Engineering computer graphics and geometry**

- Computer Aided Design and Drafting
- Computational Geometry
- Geometric and Solid Modeling
- Parametric and Generative design
- Building information modeling
- Product Design and Modeling
- Virtual and physical prototyping
- Digital Fabrication and Robotics
- Design Strategies and Biomimicry
- Image Synthesis
- Computer-generated Imagery
- Scientific and Technical Visualization

### **Geometry and graphics education and teaching methodology**

- Education of Descriptive Geometry and Graphics
- Education Technology Research
- Educational Software Development Tool
- Multimedia Educational Software Development

### **History of geometry and graphics**

- Geometry/graphics in Historical Contexts
- Geometric Aspects of Historic-cultural Monuments
- Life and Work of Famous Geometricians'

## **Workshops**

This information will be able soon.

## First Announcement

Dear Colleagues,

It is a great pleasure to invite you to participate in the 8th International Conference moNGeometrija2021.

8th International Conference moNGeometrija2021, will be take place at the Faculty of Mechanical Engineering, University of Belgrade, Belgrade, Serbia, on 10-12 September 2021. For more details, please visit:

[www.mongemetrija.com](http://www.mongemetrija.com)

General conference topics:

Theoretical geometry and graphics

- Applied geometry and graphics
- Engineering computer graphics and geometry
- Geometry and graphics education and teaching methodology
- History of geometry and graphics

Please feel free to forward this invitation to any people you think may be interested in attending the event.

Contact:

**Zorana Jeli**, PhD  
Associate professor at  
Faculty of Mechanical Engineering,  
University of Belgrade, Belgrade, Serbia

Contact: [monGeometrija2021@gmail.com](mailto:monGeometrija2021@gmail.com)  
[zjeli@mas.bg.ac.rs](mailto:zjeli@mas.bg.ac.rs)

## Organisation

### Conference Chair

Dr Zorana Jeli, Faculty of Mechanical Engineering, University of Belgrade, Belgrade

### Scientific Committee

This information will be able soon.

### Organizing Committee

- ❖ Aleksandra Dragicevic
- ❖ Marija Obradović
- ❖ Slobodan Mišić
- ❖ Emil Veg
- ❖ Miša Stojićević
- ❖ Boris Kosić
- ❖ Ivana Cvetković
- ❖ Ana Petrović
- ❖ Aleksandra Joksimović
- ❖ Ivana Vasiljević

### Organizing institutions

- Srpsko udruženje za geometriju i grafiku, Serbian Society for Geometry and Graphics, [www.sugig.mongeometrija.com](http://www.sugig.mongeometrija.com)
- International Society for Geometry and Graphics, [www.isgg.net](http://www.isgg.net)
- Faculty of Mechanical Engineering, University of Belgrade, Serbia, [www.mas.bg.ac.rs](http://www.mas.bg.ac.rs)
- Faculty of technical Sciences, University of Novi Sad, Belgrade, Serbia [www.ftn.uns.ac.rs](http://www.ftn.uns.ac.rs)

## Submission System

### Abstract

Abstract should be sent as a brief summary of a research article, in the form available on the Conference website. It should not exceed 500, nor be more concise than 150 words, excluding Keywords and Authors affiliations.

The abstract should be informative and should clearly indicate the topic and purpose of the paper.

### Camera-ready manuscripts

All submitted manuscripts must adhere strictly to moNGeometrija2021 format.

**Please use the templates for formatting your camera ready manuscript and the extended abstract.**

## Steps after your abstract and paper has been accepted

1. If there are any objections to the scope or methods of the research, please keep this in mind when sending the full paper.
2. Prepare Camera-ready paper according to the instructions on the website of moNGeometrija2021.
3. Prepare Abstract according to the instructions on the website of moNGeometrija2021.
4. Make sure that at least one author registers for the Conference.
5. Sign and send the copyright transfer form to: [monGeometrija2021@gmail.com](mailto:monGeometrija2021@gmail.com)
6. Send camera-ready manuscripts in MS Word and PDF-format to: [monGeometrija2021@gmail.com](mailto:monGeometrija2021@gmail.com)