Program & Sessions

THURSDAY, June 23rd

Time	Program	Accompanying program	Formal program	Room
18:00-20:00	Registration	Cocktail party		Faculty of Architecture: **Room 200**
20:00-21:00			Musical program	

FRIDAY, June 24th

Time	Session 1 Faculty of Civil Engineering: **Ceremonial hall**	Paper	Topic	Session 2 Faculty of Architecture: **Room 254**	Paper	Topic
8:30-9:30	Registration: Faculty of Architecture: **Room 200**					
9:30-10:00	Opening ceremony: Faculty of Civil Engineering: **Ceremonial hall (Room 148)**					
	Chair: Branislav Popkonstantinović					
10:00-10:20	A. De Rossa 001	Jean François Niceron: perspective and artificial magic	History of architecture			
10:20-10:40	D. Huyleborock 002	Reverse fishbone perspective	Applied geometry in art			
10:40-11:00	I. Marcikić 019	Inverse perspective in Cezanne's art	Applied geometry in art			
11:00-11:20	N. Ando 016	Automatic configuration of cityscapes	Applied geometry in architecture			
11:20-11:40	G. Weiss 063	Remarks on perspective simplices	Theoretical geometry			

11:40-12:00	Coffee break: Room 200					
Time	**Session 1** Faculty of Civil Engineering: **Ceremonial hall** Chair: Aleksandar Čučaković	Paper	Topic	**Session 2** Faculty of Architecture: **Room 254** Chair: Đorđe Đorđević	Paper	Topic
12:00-12:20	D. Kušar 009	The importance of a comprehensive analysis of students' contributions for spatial concept development	Graphical education	M. Stojićević 006	History of walking machines	History of geometry
12:20-12:40	G. Ghergina 027	From the sketch in technical drawing to DMU in engineering education	Graphical education	M. Petrović 038	Curve fitting by multifocal ellipses in architectural structures geometry	Applied geometry in architecture
12:40-13:00	D. Dragan 035	Examples of rapid development of 3d content using Windows presentation foundation and helix toolkit	Graphical education	V. Miler- Janković 015	Applications of the generalized {1, 4} inverse in restoration of blurred images	Theoretical geometry
13:00-13:20	S. Krasić 068	A comparative analysis of contemporary and classical teaching methods of descriptive geometry	Graphical education	M. Jovanović 014	Reflective metal material generation in architectural visualization	Engineering computer graphics
13:20-13:40	Z. Jeli 010	3d analysis of geometrical factors and influencing opposing air around satellite dish	Applied geometry in engineering	M. Jovanović 065	Computer Aided Curve and Surface generation in relativistic geometry of harmonic equivalents	Theoretical geometry
13:40-15:00	Lunch time					

Time	Session 1 Faculty of Civil Engineering: **Ceremonial hall** Chair: Milena Stavrić	Paper	Topic	Session 2 Faculty of Architecture: **Room 254** Chair: Magdalena Dragović	Paper	Topic
15:00-15:20	M. Devetaković 056	Pedagogic potential of a parametric system based on the box packing concept	Graphical education	P. Pejić 029	Contemporary approach in traditional architectural project presentation	Applied geometry in architecture
15:20-15:40	Lj. Petruševski 052	Modeling of focal-directorial surfaces for application in architecture	Applied geometry in architecture	M. Veljković 025	Use of the torus in the design of modern architectural structures	Applied geometry in architecture
15:40-16:00	N. Radojević 062	Central projection: Different applications in architectural design processes. From design to constructive tool	Applied geometry in art	V. Petrović 033	Pixel-based focus evaluation algorithms with applications in visual impairment simulation	Engineering computer graphics
16:00-16:20	O. Timčenko 007	Geometrical forms in works of architect Mario Jobst	History of geometry	E. Veg 040	Development of the transmission tower virtual 3d model for structural analysis in ANSYS	Applied geometry in engineering
16:20-16:40	M. Rynkovskaya 020	Application of lattice shells when shaping progressive architecture	Applied geometry in architecture	A. Trifunović 041	Assessment of spatial visualization capability and precision in geometrical shapes drawing	Applied geometry in engineering
16:40-17:00	Coffee break: Room 200					

Time	Session 1 Faculty of Civil Engineering: **Ceremonial hall** Chair: Sonja Krasić	Paper	Topic	Session 2	Paper	Topic
17:00-17:20	A. Čučaković 047	Shadow shapes of methamorphoses hypercube	Theoretical geometry			
17:20-17:40	A. Čučaković 046	Paper strips driven design – application on doubly curved surfaces	Applied geometry in architecture			
17:40-17:55	B.Popkonstantinović 005	Event based motion analysis of escapement mechanism 3D model	Applied geometry in engineering			
17:55-18:10	B.Popkonstantinović 004	A new approach in lecture delivery at the course on mechanism design at the Faculty of mechanical engineering	Applied geometry in engineering			
18:10-19:00	L. Dovniković	Sintetička kvantno-relativistička teorija krivih i površi (in Serbian)	Theoretical geometry			
19:30	Dinner time					

SATURDAY, June 25th

Time	Session 1 Faculty of Civil Engineering: **Ceremonial hall** Chair: Radovan Štulić	Paper	Topic	Session 2	Paper	Topic
09:00-09:20	H. Stachel 070	On the computation of foldings	Applied geometry in architecture			
09:20-09:40	L. Voros 051	Spatial reconstruction of impossible pictures	Applied geometry			
09:40-10:00	E. Molnar 003	Visualization and animation of Nil geometry	Theoretical geometry			
10:00-10:15	M. Obradović 023	Composite polyhedral forms obtained by combining concave pyramids of the second sort with Archimedean solids	Theoretical geometry			
10:15-10:30	M. Obradović 022	Polyhedral forms obtained by combining lateral sheet of CPII-10 and truncated dodecahedron	Theoretical geometry			
10:30-10:50	M. Stavrić 011	From parametric modelling to digital fabrication: folding space structures	Applied geometry in architecture			
10:50-11:10	Coffee break: Room 200					

Time	Session 1 Faculty of Civil Engineering: **Ceremonial hall** Chair: Ratko Obradović	Paper	Topic	Session 2 Faculty of Architecture: **Room 254** Chair: Ljiljana Radović	Paper	Topic
11:10-11:30	C. Marza 034	Study regarding the geometry of some connecting pieces for circular ducts	Applied geometry in engineering	J. Letić 071	Automatic photogra-mmetric approach for 3D reconstruction of complex geometric forms	Engineering computer graphics
11:30-11:50	A. Duta 036	Approaches in solving some tangent problems	Theoretical geometry	I. Bajšanski 008	Procedural modelling tools in architectural education	Graphical education
11:50-12:10	L. Sass 037	Original applications for geometrical equivalence problem	Theoretical Geometry	D. Nikolić 045	Geometric analysis of admissible collapse modes of pointed arches having minimum thickness	Applied geometry in Architecture
12:10-12:30	O.Gumen, V.Mileikovksy 024	Geometric analysis of turbulent macrostru-cture in jets laid on flat surfaces for turbulence intensity calculation	Applied geometry in engineering	S. Risteski 012	Concept design of a sports coupe with ergonomic analysis and photorealistic rendering	Applied geometry in engineering
12:30-12:50	M. Dragović 053	The possibilities of application of 3D digital models in cultural heri-tage object's protection and reconstruction	Applied geometry in architecture	M. Kocevski 013	The design process of a modern miner's helmet with integration of safety needs	Applied geometry in engineering
12:50-13:20	**Poster presentations: Room 200**					
13:20-15:00	Lunch time					

Time	Session 1 Faculty of Civil Engineering: **Ceremonial hall** Chair: Zorana Jeli	Paper	Topic	Session 2 Faculty of Architecture: **Room 254** Chair**:** Vesna Stojaković	Paper	Topic
15:00-15:20	R. Obradović 058	Pre production for development of educational 3D animation according to Vejnovic modification of the cesarean section technique	Applied geometry in science	L. Kilibarda 054	A presentation method of students' assignment in geometry-intersection of two surfaces of second order	Graphical education
15:20-15:40	G. Buciu 026	Virtual and rapid prototyping method applied in orthopedics	Applied geometry in science	G. Liva 028	Digital geometries: geometrical logic in Francesco Borromini's churches of San Carlino and Sant' Ivo	Applied geometry in art
15:40-16:00	A. Dorin Popa 048	Virtual and rapid prototyping methods applied in civil engi-neering: snow, wind and earthquake…	Applied geometry in engineering	S. Ciunel 043	Comparative studies and analysis of the two types of frames devices for the dummy neck testing system	Applied geometry in engineering
16:00-16:20	P. Šiđanin 017	Immersive virtual reality course at the digital production studies	Engineering computer graphics			
16:20-16:40	Coffee break: Room 200					
16:40-17:00	In Memoriam – Slavik Jablan (Speaker: Ljiljana Radović)			Faculty of Civil Engineering – **Ceremonial hall** (Room 148)		
17:00-18:15	Convention of SUGIG					
18:15-18:30	Delivery of SUGIG Prize	Closing Ceremony				
20:00-23:00	**Conference dinner: Restaurant Panta Rei, Tadeuša Košćuška 63, Belgrade** **http://www.pantarei.rs/**					

SUNDAY, May 26th

Time	Program
9:00-9:30	Gathering in front of the Conference venue building
9:30-18:00	EXCURSION to mausoleum at the hill Oplenac near Topola and "Vrbica" vineyards http://mongeometrija.com/attachments/article/388/The%20Program%20of%20excursion%20and%20additional%20activities.pdf

Poster presentations: Room 200

G. Đukanović 030	Application of engineering graphics in furniture design	Saturday 12:50-13:20
D. Jovanović 059	Augmented reality presentation of conceptual design of detached house intended for individual living in Niš	Saturday 12:50-13:20
S. Grčak 031	The presentation of an existing city block located on dr Zoran Djindjic boulevard in Nis by using Ar Media	Saturday 12:50-13:20
D. Nikolić 044	Determination of the centroid of pointed arches according to radial stereotomy	Saturday 12:50-13:20
J. Maksimović 039	Application of geometry in geodetic instruments and measurement techniques	Saturday 12:50-13:20
D. Nedučin 066	Learning outcomes as a base for syllabus adjustment of the geometry and visualization of 3D space course	Saturday 12:50-13:20