

Schedule of the Conference “moNGeometrija 2021”

Friday, September 10th, 2021.

13:00-14:00	Registration of the participants /Registration desk - II floor/
14:00-15:00	Conference opening ceremony Opening ceremony of the Conference (Ceremonial Hall of the Faculty of Mechanical Engineering) Message from the President of SUGIG – <i>Zorana Jeli</i> Message from the Vice-Dean of Faculty of Mechanical Engineering in Belgrade and representatives of the Faculties co-organizers Accompanying program - <i>Predrag Elek</i>
15:00-16:30	Plenary lecture speaker CONSTRUCTIVE GEOMETRIC METHOD FOR THE ANALYSIS OF THE MANUFACTURING ACCURACY OF HELICOID DRIVES (University of Miskolc, Faculty of Mechanical Engineering and Informatics, Department of Descriptive Geometry, Hungary) - <i>Zsuzsa Balajti</i> NON-CIRCULAR BORING (Faculty of Technical Sciences, Novi Sad, Serbia)- <i>Maja Čavić</i>
16:30-17:00	Coffee break /II floor – 210/
Session 1-P1	
17:00-17:20	ONLINE PRACTICE CLASSES AT THE ACADEMIC COURSE GEOMETRIC SURFACES IN ARCHITECTURE AT THE FACULTY OF CIVIL ENGINEERING AND ARCHITECTURE IN NIS - <i>Sonja Krasić/ Zlata Tošić/ Jovana Stanković/ Nastasija Kocić/</i>
17:20-17:40	HOW DO CHILDREN LEARN ABOUT TRAFFIC SAFETY IN A GEOMETRICALLY MODELED ENVIRONMENT? <i>Aleksandar Trifunović/ Dalibor Pešić/ Dragan Lazarević/ Maja Petrović/</i>
17:40-18:00	TILINGS WITH DIAMOND, STAR AND PINEAPPLE SHAPES BASED ON THE GEOMETRY OF THE REGULAR PENTAGON <i>Marija Đ. Obradović/</i>
18:00-18:20	3-SPHERE IN A 4-PERSPECTIVE <i>Mgr. Jakub Řada/ Mgr. Michal Zamboj/</i>
18:20-19:00	INTERPRETING PARAMETRIC-BIOMIMICRY DESIGN FROM CAD TO BIM SOFTWARE: DIGITAL MODELLING BASED ON A SKETCH OF NANDI FLAME <i>Biljana S. Jović/ Aleksandar Čučaković/ Anđela D. Mitić/ Vesna Golubović Čurguz/ Benjamin Chemarum/</i>
19:00-19:30	Coffee break /II floor – 210/

Saturday, September 11th, 2021.		
Session 2 (room 211)		
09:20-09:40	PARAMETRIC DESIGN AS AN APPROACH FOR DESIGNING PERSONALIZED PRODUCTS <i>Jelena Djokic/ Elena Angeleska/ Tashko Rizov/ Tatjana Kandikjan/</i>	
09:40-10:00	DIMENSIONING A PTC SYSTEMS USING PARABOLA PROPERTIES <i>Miša Stojićević/ Branislav Popkonstantinović/ Zorana Jeli/ Ivana Cvetković/ Boris Kosić/</i>	
10:00-10:20	SOME ASPECTS OF ALGEBRA OF COLOR <i>Bojan D. Banjac/ Lidija S. Krstanović/ Branko J. Malešević/ Luka B. Milinković/</i>	
10:20-10:40	THE ABILITY OF UNREAL ENGINE TO CREATE AN INTERACTIVE SPACE FOR IMMERSIVE AND NON-IMMERSIVE TYPES OF VR SYSTEMS <i>Miloš Obradović/ Jelena Kićanović/</i>	
10:40-11:00	3D PRINTING LARGE SCALE CURVED FORMS USING HEAT FORMED CORAL REEF TILES <i>Marko D. Jovanović/ Marko P. Vučić/ Radovan B. Štulić/ Maja M. Petrović/</i>	
11:00-11:20	Coffee break /II floor – 210/	
	Session 3 (room 211)	Session 4 (room 456)
11:20-11:40	TWO POINTS A LINE <i>Maja Glavaš – Trbić</i>	ORGANIC MESH AND RIGID BODY UV UNWRAPPING AND MAPPING Taught IN the SUBJECT TEXTURE AND LIGHT DESIGN <i>Ivana Vasiljević/ Filip Mirčeski/ Nikola Milinković/ Ratko Obradović/</i>
11:40-12:00	ADVANCED SIMULATION IN ANIMATION COURSE AT THE FACULTY OF TECHNICAL SCIENCES <i>Ana Perišić/ Marko Lazić/ Lidija Krstanović/</i>	APPLICATION OF 3D SCANNING AND MODELING IN THE PROTECTION OF CULTURAL HERITAGE <i>Aleksandra Joksimović/ Emil Veg/ Ivana Medojević/ Mladen Regodić/</i>
12:00-12:20	AESTHETICS OF VISUAL COMMUNICATIONS COURSE AT THE COMPUTER GRAPHICS -ENGINEERING ANIMATION STUDIES <i>Jelena Letić/ Milan Mišćević/ Marija Varga/ Ivana Vasiljević/ Branislav Popkonstantinović/ Ratko Obradović/</i>	EXAMINATION OF DIFFERENT CROSS SECTION OF DRAIN PIPES IN DISTILLATION COLUMN <i>Rodoljub Milicević/ Danilo Miljković/ Branislav Gajić/ Boris Kosić/</i>

12:20-12:40	SPECIAL VISUAL EFFECTS COURSE AT THE COMPUTER GRAPHICS - ENGINEERING ANIMATION STUDIES <i>Filip Mirčeski/ Aleksa Paunović/ Nikola Milinković/ Igor Kekeljević/ Ratko Obradović/</i>	VISUALIZATION OF GEODYNAMIC CHANGES OF TERRAIN USING GOOGLE EARTH PRO AND QGIS <i>Anastasija Martinenko/ Marija Obradović/</i>
12:40-13:00	RATIONALIZATION OF CYLINDERS AND CYLINDROIDS ON THE FRANK GEHRY OBJECT - CASE STUDY WALT DISNEY CONCERT HALL <i>Nastasija Kocić/ Marko Nikolić/ Sonja Krasić/ Jovana Stanković/</i>	
13:00-14:00	Lunch	
Session 5		
14:00-14:20	IMPLEMENTATION OF WOODEN CURVE BENDING IN CELL-BASED PAVILION DESIGN <i>Pejic Stefan/ Radjenovic Nikola/ Jovanovic Marko/</i>	
14:20-14:40	SHAPES, COLORS AND LINES IN LANDSCAPE DESIGN - <i>Radenka Kolarov/ Milena Lakićević/</i>	
14:40-15:00	GAMIFICATION OF MARKETING MATERIAL USING AUGMENTED REALITY - <i>Igor Sabo/ Petar Pejic/</i>	
15:00-15:20	SPATIAL CONFIGURATIONS OF FLOATING SETTLEMENTS – PARAMETRIC METHOD <i>Jovana Stanković/ Sonja Krasić/ Marko Nikolić/ Nastasija Kocić/</i>	
15:20-15:40	AESTHETICS THROUGH THE GEOMETRY OF STRUCTURAL ELEMENTS ON BYZANTINE CHURCHES - <i>Jovana Vukanić</i>	
15:40-16:00	Coffee break /II floor – 210/	
16:00-18:00	PARLAMENT - Convention of SUGIG	
19:00-21:30	DINNER	

Sunday, September 12th, 2021.

9:00-10:00	Conference closing ceremony <i>Opening ceremony of the Conference (Ceremonial Hall of the Faculty of Mechanical Engineering) Message from the President of SUGIG – Zorana Jeli</i> 3D republika
10:00-10:30	Coffee break II floor-210
11:00-14:00	Organized excursion - Kalemegdan fortres