

## FIRST DAY, May 29, 2026

9.30-10.00	<b>REGISTRATION</b>			<b>Hall</b>
10.00-10.30	<b>OPENING CEREMONY</b>			<b>Room A-II-1</b>
10.30-11.15	<b>PLENARY LECTURE</b> UNCERTAINTY AS A CATALYST FOR CREATIVITY: THE CASE OF MATHEMATICS, <i>Bharath Sriraman</i>			<b>Room A-II-1</b>
11.15-12.00	<b>PLENARY LECTURE</b> WHEN PATTERNS MISLEAD: HOW EARLY GENERALIZATIONS SHAPE PERSISTENT MATHEMATICAL MISCONCEPTIONS, <i>Zorana Lužanin</i>			<b>Room A-II-1</b>
12.00-13.00	<b>Welcome Cocktail</b>			<b>Room A-I-1</b>
13.00-15.00	<b>SECTION LECTURES</b>			
	<b>Section 1.1 (English)</b>	<b>Room A-II-1</b>	<b>Section 1.2</b>	<b>Room A-II-20</b>
	<b>Moderator: Suzana Aleksić</b>		<b>Moderator: Ana Kaplarević-Mališić</b>	
13.00-13.20	15 YEARS OF MAY, MONTH OF MATHEMATICS <i>Đorđe Baralić</i>		AI-DRIVEN ADAPTIVE LEARNING IN STEM EDUCATION: STUDENT PERCEPTIONS OF THE ALEKS INTELLIGENT TUTORING SYSTEM <i>Jelena Ilić</i>	Section 2.1 <b>Moderator: Bojana Borovičanin</b> HIERARCHICAL APPROACH TO SYMETRY IN TEACHING DEFINITE INTEGRATION <i>Milan Živanović</i>
13.20-13.40	TEACHING OF GEOMETRY: A CRITICAL APPROACH <i>Aleksandar Lipkovski</i>		PREDICTING GRAMMAR SCHOOL STUDENTS' BEHAVIORAL INTENTION TO USE CHATGPT FOR LEARNING MATHEMATICS <i>Verica Milutinović, Ivana Obradović, Suzana Đorđević</i>	ONE POSSIBLE METHODOLOGICAL APPROACH TO GEOMETRIC PROOF IN MATHEMATICS TEACHING <i>Vojislav Andrić</i>
13.40-14.00	PASCAL'S TRIANGLE THROUGH COUNTING <i>Ljiljana Arambašić, Bharath Sriraman, Anđa Valent</i>		FROM STUDENT-LLM DIALOGUE TO LEARNING ANALYTICS: ENHANCING SPARK AI THROUGH AN INTERACTION ANALYTICS FRAMEWORK <i>Marija Kaplar, Sebastijan Kaplar</i>	VISUALIZATION OF THE ABSTRACT THROUGH ETHNOMOTIFS <i>Danica Utješinović, Jasmina Alilović</i>
14.00-14.20	NUMBER LINE MODELS AS A TOOL IN TEACHING <i>Jasmina Milinković</i>		DATA-DRIVEN ASSESSMENT IN COMPUTER SCIENCE HIGHER EDUCATION: MONITORING AND EVALUATION OF STUDENTS' SOFTWARE PROJECTS LEVERAGING NATURAL LANGUAGE PROCESSING <i>Miloš Jolović, Aleksandar Joksimović, Petar Lukovac, Sava Čavoški</i>	THE SCIENCE BOAT PROJECT <i>Milan Živanović, Aleksandra Djurić Karaklić, Mirjana Radivojević</i>
14.20-14.40	DEVELOPMENT OF THE MATHEMATICS TEACHER EDUCATION CURRICULUM: A HISTORICAL-COMPARATIVE ANALYSIS <i>Lana Crnobrnja Perenčević</i>		INTEGRATION OF THE EBSI PLATFORM INTO THE VERIFICATION PROCESSES OF NON-FORMAL LEARNING IN HIGHER EDUCATION <i>Dušan Kostić, Tamara Naumović, Milica Simić, Marija Janković</i>	DIGITAL LITERACY OF PRESCHOOL TEACHERS AS A DETERMINANT OF THE QUALITY OF CONTEMPORARY EDUCATIONAL PRACTICE <i>Marija Krstić Radojković</i>
14.40-15.00	OPTIMIZING EDUCATIONAL STRUCTURES THROUGH TOPOLOGICAL ORDERING IN DIRECTED ACYCLIC GRAPHS <i>Suzana Antunović</i>		PEER ASSESSMENT IN HIGHER EDUCATION: STUDENTS' PERCEPTIONS AND IMPACT ON LEARNING <i>Jelena Matejić, Jelena Ignjatović</i>	INTERDISCIPLINARITY IN A MATHEMATICS LESSON: PROCESSING RECYCLING DATA <i>Danka Antić</i>
15.00 – 15.15	<b>Coffee Break</b>			<b>Hall</b>

15.15 – 15.45	POSTER SESSION			Hall		
15.45-17.45	SECTION LECTURES					
	Section 1.3 Moderator: Aleksandar Milenković	Room A-II-1	Section 2.2 Moderator: Marina Svičević	Room A-II-20	Section 2.3 Moderator: Nenad Stojanović	Room A-II-21
15.45-16.05	IS MATHEMATICS EDUCATION IN SERBIA READY FOR SIGNIFICANT STRATEGIC CHANGES? Vojislav Andrić		A NEW DIDACTICAL APPROACH ON DETERMINANTS Djordje Dugošija, Aleksandar Savić		IMPRECISIONS IN THE WORDING OF PROBLEMS IN MATHEMATICS COMPETITIONS FOR PRIMARY SCHOOL STUDENTS Miloš Đorić	
16.05-16.25	GAME-BASED MATHEMATICS LEARNING: DESIGN, IMPLEMENTATION, AND STUDENT PERCEPTIONS Mikloš Kovač, Goran Radojev, Mirjana Brdar		THE INVISIBLE POWER OF COMPLEX NUMBERS: FROM LOGICAL PARADOXES TO DIGITAL REALITY Suzana Aleksić		AREAS IN GEOMETRIC PROBLEMS AT NATIONAL COMPETITIONS Katarina Lukić	
16.25-16.45	MATHEMATICS CURRICULUM: FROM HISTORICAL FOUNDATIONS TO CONTEMPORARY CHALLENGES AND TEACHING PRACTICE Božidar Milanović, Milan Grujin		FROM MEAN TO EXPECTATION: A LEVER-BASED APPROACH TO CONCEPTUAL UNDERSTANDING Slađana Dimitrijević		STUDENT QUESTIONS AS AN INDICATOR OF DIFFICULTIES IN SOLVING MATHEMATICAL COMPETITION PROBLEMS Milica Grbović Ćirić, Nenad Stojanović, Aleksandar Milenković, Nemanja Vučićević	
16.45-17.05	EXAMINING PRE-SERVICE TEACHERS' ABILITY TO FORMULATE A MATHEMATICAL WORD PROBLEM BASED ON A GIVEN LINEAR EQUATION Milan Milikić, Nenad Vulović, Aleksandra Mihajlović		INTERDISCIPLINARY CONNECTION BETWEEN DISCRETE MATHEMATICS AND PROGRAMMING THROUGH GRAPH THEORY IN SECONDARY SCHOOL EDUCATION Bojana Borovičanin		POSSIBILITIES FOR USING THE JOURNAL "MATEMATIČKI LIST" IN PRIMARY SCHOOL MATHEMATICS TEACHING: A DIDACTIC-METHODOLOGICAL ANALYSIS Anđelka Simić Milivojević, Veljko Ćirović	
17.05-17.25	EXPLORING AI COMPETENCIES AND THE USE OF AI TOOLS AMONG TEACHER EDUCATION STUDENTS Marko Stanković, Marija Tasić, Aleksandar Milenković		GRAPH ALGORITHMS CONCEPTS FOR THE DEVELOPMENT OF ALGORITHMIC THINKING IN PRIMARY SCHOOL STUDENTS Miloš Arsić		THEMATIC WORKSHOPS IN MATHEMATICS EDUCATION Marija Kuzeljević, Slavica Beronja	
17.25-17.45			SUM OF DIGITS IN PRIMARY SCHOOL COMPETITIONS AND ENTRANCE EXAMS Vladimir Baltić			
19.00–24.00	Conference dinner			Restaurant "Di Trevi", Vojvode Putnika 53, Kragujevac		

## SECOND DAY, May 29, 2026

9.30-10.00	<b>REGISTRATION</b>			<b>Hall</b>
10.00-10.45	<b>PLENARY LECTURE</b> THE POSITION OF PROGRAMMING EDUCATION IN THE PRESENCE OF MODERN ARTIFICIAL INTELLIGENCE TOOLS, Filip Marić			<b>Room A-II-1</b>
10.45-11.00	<b>Coffee Break</b>			<b>Hall</b>
11.00-12.40	<b>SECTION LECTURES</b>			
	<b>Section 1.4</b> <b>Moderator: Tatjana Stojanović</b>	<b>Room A-II-1</b>	<b>Section 1.5</b> <b>Moderator: Nemanja Vučičević</b>	<b>Room A-II-20</b>
			<b>Section 2.4</b> <b>Moderator: Milan Milikić</b>	<b>Room A-II-21</b>
11.00-11.20	ARTIFICIAL INTELLIGENCE BETWEEN POINCARÉ AND RUSSELL: DIDACTIC CHALLENGES IN MATHEMATICS TEACHING Radoslav Božić		CLASSICAL DEFINITION OF PROBABILITY: AN APOS ANALYSIS OF CURRICULUM AND ACHIEVEMENT OF SERBIAN STUDENTS Jelena Stevanić, Zorana Lužanin, Slađana Dimitrijević	FROM STRAWS TO INFINITY: INNOVATIVE MATHEMATICS EDUCATION Svetlana Savović, Violeta Pušica
11.20-11.40	CAN AI CROSS THE DONKEY'S BRIDGE? Nebojša Ikodinović, Sana Stojanović-Đurđević		MATHEMATICS BETWEEN FAVORITE AND DIFFICULT SUBJECT: HOW STUDENTS EXPLAIN THIS PARADOX Vana Colić, Zorana Lužanin	MATHEMATICAL GENESIS: FROM ANALOG ROOTS TO DIGITAL FRUIT Jasminka Marić-Glišović
11.40-12.00	HIGH SCHOOL GEOMETRY, EUCLID'S ELEMENTS, AND AUTOMATED THEOREM PROVING Sana Stojanović-Đurđević		ORIGAMI IN ELEMENTARY AND HIGH SCHOOL GEOMETRY CLASSES Dara Milojković	THE MATH MOMENT CORNER Jelena Kenić
12.00-12.20	PROVING THEOREMS IN NATURAL DEDUCTION Gordan Đurić, Miloš Pavlović, Andrija Urošević, Sana Stojanović-Đurđević, Nebojša Ikodinović		CHALLENGES IN TEACHING MATHEMATICAL LOGIC IN SECONDARY SCHOOLS Milica Vučičević, Ljubica Đurović, Nenad Stojanović	AI IN THE MATHEMATICAL GALLERY Jelena Kenić, Mirjana Glišić
12.20-12.40	THE COMPUTATION OF IMPROPER INTEGRALS: AN ANALYSIS OF STUDENTS' COGNITIVE CONFLICTS Dragica Milinković, Radoslav Božić, Slađana Ignjatović		ONE IDEA, TWO PERSPECTIVES: WHAT DO WE REALLY KNOW ABOUT THE GCD AND LCM? Ljubica Đurović, Milica Vučičević, Nenad Stojanović	INNOVATIVE APPROACHES TO AUTOMATING THE MULTIPLICATION TABLE Mirjana Glišić, Marija Pavlović
12.40-13.00	<b>Coffee Break</b>			<b>Hall</b>

13.00-14.40	SECTION LECTURES		
	Section 1.6 Moderator: Jelena Stevanić Room A-II-1	Section 2.5 Moderator: Radoslav Božić Room A-II-20	Section 2.6 Moderator: Višnja Simić Room A-II-21
13.00-13.20	FROM CONCRETE TO ABSTRACT: INTEGRATING VAN HIELE'S LEVELS OF THINKING AND THE CPA APPROACH IN MATHEMATICS TEACHING Katarina Perović	EFFECTIVE MATHEMATICAL PROOF THROUGH CONCEPTS AND MODELS FROM PHYSICS Milan Kovačević, Damira Jantassova	APPLICATION OF ARTIFICIAL INTELLIGENCE TOOLS IN THE DEVELOPMENT OF ALGORITHMIC THINKING IN PRESCHOOL CHILDREN – PRESENTATION AND ANALYSIS OF PRACTICAL EXAMPLES Dragica Stanković, Slavica Dražović Perošević
13.20-13.40	COMPREHENSION OF INTERPOLATION AMONG THIRD-YEAR HIGH SCHOOL STUDENTS TALENTED IN COMPUTER SCIENCE AND INFORMATICS Marija Stanić, Tatjana Tomović Mladenović, Nina Ikodinović, Aleksandra Milosavljević	DETERMINING THE NUMBER $\pi$ THROUGH A MULTIDISCIPLINARY STEM APPROACH Dalibor Rajković	INTEGRATING NOTEBOOKLM IN MATHEMATICS EDUCATION USING THE FLIPPED CLASSROOM APPROACH Aleksandar Milenković, Nemanja Vučićević, Marina Svičević
13.40-14.00	DIDACTIC CHALLENGES OF THE CONCEPT OF ZERO: FROM MECHANICAL ROUTINE TO LOGICAL FOUNDATION Bojana Arambašić, Suzana Aleksić	CHESS PROBLEMS AND ARTIFICIAL INTELLIGENCE Tatjana Stanković, Edin Liđan	BEYOND RIGHT AND WRONG: A WEB PLATFORM FOR LEARNING MATHEMATICS THROUGH THE ANALYSIS OF CORRECT AND INCORRECT PROBLEM SOLUTIONS Marina Svičević, Aleksandar Milenković, Nemanja Vučićević, Đorđe Stanković
14.00-14.20	RECURSION AS A BRIDGE BETWEEN MATHEMATICS AND COMPUTER SCIENCE Marija Trnavac, Marina Svičević	SUDOKU AS A BRIDGE BETWEEN LOGICAL THINKING AND MATHEMATICS TEACHING: FROM EULER'S SQUARES TO OVERCOMING MATHEMATICS ANXIETY Snežana Ilić	DYNAMIC VISUALIZATION OF MATHEMATICAL CONCEPTS USING THE MANIM TOOL Nemanja Vučićević, Aleksandar Milenković, Marina Svičević
14.20-14.40	ACADEMIC INTEGRITY CHALLENGES IN THE DIGITAL AGE: A PRACTICAL APPROACH FOR COMPUTER SCIENCE EXAMS Lazar Krstić	MUSICAL SCALES FROM PYTHAGORAS TO THE PRESENT DAY Goran Sofijanić	SYNTAXO: INTERACTIVE AND GAME-BASED LEARNING OF PROGRAMMING LANGUAGE SYNTAX Uroš Tatomir, Tatjana Stojanović
14.40 – 15.30	<b>DISCUSSION</b> Establishing conference conclusions and closing ceremony		<b>Room A-II-1</b>