



EDUCATION AND ARTIFICIAL INTELLIGENCE

2nd International Scientific Conference

May 15/16, 2026

CONFERENCE PROGRAM



2nd International Scientific Conference Education and Artificial Intelligence (EDAI 2024)

Conference theme: Building Human–AI Partnerships for the Future of Learning

Organizer

Pedagogical Faculty in Vranje, University of Niš, Serbia

Co-organizers

Faculty of Education, University "St. Kliment Ohridski", Bitola, Republic of North Macedonia

Faculty of Educational Sciences, University "Goce Delčev", Štip, Republic of North Macedonia

Faculty of Pedagogy, South-West University "Neofit Rilski", Blagoevgrad, Republic of Bulgaria

Faculty of Education in Bijeljina, University of East Sarajevo, Republic of Bosnia and Herzegovina

May, 15 and 16, 2026



Conference program



May 15, 2026.

Time	Activity	Speaker	Topic	Form
09.00-10.30	Registration of participants			
10.30-11.00	Conference opening	Dragana Stanojević , Dean Pedagogical Faculty in Vranje, University of Niš, Serbia	WELCOME SPEECH	
11.00-11.30	Plenary lecture	Mahouton Norbert Hounkonnou Co-chair AEMASE III, Benin National Academy of Sciences, Arts and Letters International Chair in Mathematical Physics and Applications, University of Abomey-Calavi, Cotonou, Benin Republic	REINVENTING SCIENCE EDUCATION IN THE AGE OF ARTIFICIAL INTELLIGENCE: HUMAN FLOURISHING, EPISTEMIC JUSTICE, AND THE FUTURE OF LEARNING	Oral presentation
11.30-12.00	Plenary lecture	Branimir Todorović Department of Computer science Faculty of Science and Mathematics University of Niš Republic of Serbia	ON INCREMENTAL LEARNING OF ARTIFICIAL NEURAL NETWORKS WITHOUT CATASTROPHIC FORGETTING	Oral presentation
12.00-12.30	Coffee Break			
12.30-14.30	Session Work: Sessions 1 & 2, part one			
14.30-15.30	Lunch Break			
15.30-17.30	Session Work: Sessions 1 & 2, part two			

Session 1: Amphitheater 1**Moderators:** Bratislav Nikolić, Anđela Stojilković**Topic:** AI-Enhanced Teaching and Learning Environments

Generative AI, Creativity, and Future Learning Paradigms

No.	Time	Authors/Speakers	Topic	Form
1.	12.30 – 12.45	Marina Svičević, Aleksandar Milenković, Lazar Krstić, Aleksandra Maksimović, Filip Stašević	APPLICATION OF LOGISTIC REGRESSION IN PREDICTING STUDENTS' CHOICE OF STEM AND NON-STEM TRACKS	Oral presentation
2.	12.45 – 13.00	Nemanja Vučićević, Marina Svičević, Aleksandar Milenković	FROM IMAGE TO DECISION: DEVELOPING A MOBILE AI APPLICATION AS A MODEL OF INTERDISCIPLINARY LEARNING	Oral presentation
3.	13.00 – 13.15	Silvana Neshkovska, Lela Ivanovska, Milena Kasaposka Chadlovska	AI BEHIND THE SCENES: THE USE OF ARTIFICIAL INTELLIGENCE IN THE ACADEMIC RESEARCH PRACTICES OF UNIVERSITY FOREIGN LANGUAGE TEACHERS	Oral presentation
4.	13.15 – 13.30	Sanja Gacov, Emilija Petrova Gjorgjeva, Irena Kitanova, Snezana Mirascieva	NOTEBOOK-LM POWERED RESEARCH PARTNER APPLICATION FOR TEACHERS AND PROFESSORS	Oral presentation
5.	13.30 – 13.45	Miljana Mladenović, Marko Stanković	AUTOMATIC QUESTIONNAIRE GENERATION USING RAG-BASED DOMAIN KNOWLEDGE EXTRACTION	Oral presentation
6.	13.45 – 14.00	Anita Angelevska, Elena Salevska, Marija Stojanoska	THE ROLE OF AI IN THE INTERPRETATION OF POETIC TEXTS	Oral presentation
7.	14.00 – 14.15	Milan N. Krstić, Vladislav M. Krstić, Bratislav Ž. Nikolić	AI IN VOCATIONAL TRAFFIC EDUCATION - ASSESSING CHATGPT'S ACCURACY IN SOLVING DRIVING LICENSE EXAM TESTS	Oral presentation
8.	14.15 – 14.30	Dejan M. Cvetković, Jelena D. Stošić Jović, Maja D. Jovović, Dragi J. Filipović, Saša S. Cvetković	WHEN LEARNING BECOMES A SONG: THE USE OF THE AI APPLICATION SUNO IN ENHANCING STUDENT MOTIVATION AND CREATIVE EXPRESSION	Oral presentation
	14.30 – 15.30	Lunch Break		
9.	15.30 – 15.45	Radoslav Bozic	AI-ASSISTED PEDAGOGICAL DIAGNOSTICS IN MATHEMATICS TEACHING AND LEARNING	Oral presentation
10.	15.45 – 16.00	Fruska Pendeva	USE OF AI-BASED DIGITAL TOOLS FOR CREATING EDUCATIONAL VIDEO CONTENT	Oral presentation
11.	16.00 – 16.15	Dragan Janković, Anđelija Đorđević, Aleksandar Milenković, Aleksandar Spasić	ENHANCING MEDICAL INFORMATION SYSTEMS TO UTILIZE LONGITUDINAL PRIMARY HEALTHCARE DATA FOR MEDICAL STUDENT EDUCATION	Online oral presentation
12.	16.15 – 16.30	Matije Zorić	STUDENTS AS CO-AUTHORS: INTEGRATING ARTIFICIAL INTELLIGENCE INTO SUSTAINABILITY EDUCATION IN EARLY PRIMARY SCHOOL	Online oral presentation

13.	16.30 – 16.45	Saša Stepanović	FROM A TOOL TO A PEDAGOGICAL PARTNER: ARTIFICIAL INTELLIGENCE AS A CO-CREATOR OF LEARNING IN CONTEMPORARY SCHOOLS	Online oral presentation
14.	16.45 – 17.00	Danica Popović, Aleksandar Đokić	ARTIFICIAL INTELLIGENCE IN STUDENT LEARNING: HOW STUDENTS USE AI TOOLS IN STUDYING AND EXAM PREPARATION	Online oral presentation
15.	17.00 – 17.15	Goran Vidović, Boris Pendelj	ARTIFICIAL INTELLIGENCE IN ASSIGNMENTS AND ASSESSMENTS: THE CASE OF CLASSICAL PHILOLOGY IN SERBIA	Prerecorded presentation
	17.15 – 17.30	Conclusion of Sesion 1	Final discussion and Moderators' Remarks	

Session 2: Amphitheater 2**Moderators:** Darko Stojanović, Anđela Protić Jaćimović**Topics:** Ethical, Legal, and Social Implications of AI in Education

AI Literacy and Teacher Professional Development

No.	Time	Authors/Speakers	Topic	Form
1.	12.30 – 12.45	Aleksa Mitić, Žarko Rađenović, Kristina Anđelić, Jelena Dimovski	AI AS A CO-AUTHOR IN SOCIAL SCIENCES RESEARCH: ETHICAL IMPLICATIONS OF GENERATIVE MODELS APPLICATION IN DETERMINING METHODOLOGICAL RESEARCH FRAMEWORKS	Oral presentation
2.	12.45 – 13.00	Ljubiša Josimović, Miloš Josimović, Emilija Tasić Stanojković	ENTANGLED HUMANISM PARADIGM: FROM AI TOOLS TO CO-LEARNERS	Oral presentation
3.	13.00 – 13.15	Daniela Andonovska-Trajkovska	REFRAMING CRITICAL LITERACY IN THE AGE OF ARTIFICIAL INTELLIGENCE: PEDAGOGICAL CHALLENGES AND OPPORTUNITIES IN CONTEMPORARY EDUCATION	Oral presentation
4.	13.15 – 13.30	Zora Milkova, Dean Iliev	PROFESSIONAL DEVELOPMENT OF TEACHERS AI COMPETENCIES THROUGH PRACTICE-BASED WEBINARS	Oral presentation
5.	13.30. – 13.45	Natalija Milošević, Sanja Dimitrijević, Mladen Jovanović, Zora Milkova	TRUST AND SOCIAL ACCEPTANCE OF AI IN SCHOOLS: AI YESTERDAY, TODAY, TOMORROW...ARE WE READY?	Oral presentation
6.	13.45 – 14.00	Aleksandar Milenković, Marko Stanković, Marina Svičević, Nemanja Vučićević	WHAT DO STUDENTS IN THE REPUBLIC OF SERBIA THINK ABOUT THE USE OF GEN AI TOOLS IN THE TEACHING AND LEARNING OF MATHEMATICS?	Oral presentation
7.	14.00 – 14.15	Snezana Stavreva Veselinovska, Despina Sivevska, Sonja Petrovska, Tatjana Lazarova Osogovska	WHEN CLASSROOMS THINK: UNLOCKING THE POTENTIAL OF ARTIFICIAL INTELLIGENCE IN EDUCATION	Oral presentation
8.	14.15 - 14.30	Snezana Stavreva Veselinovska, Despina Sivevska, Sonja Petrovska	SHAPING THE FUTURE OF LEARNING: HUMAN-ARTIFICIAL INTELLIGENCE PARTNERSHIPS IN EDUCATION FOR SUSTAINABLE DEVELOPMENT	Oral presentation
	14.30 – 15.30	Lunch Break		
9.	15.30 – 15.45	Kristina Anđelić, Verica Arsov	PRO ET CONTRA ARTIFICIAL INTELLIGENCE IN HIGHER EDUCATION: WHAT HAVE WE LEARNT SO FAR?	Oral presentation
10.	15.45 – 16.00	Nina Gajić	DIGITAL HABITS OF THE NEW GENERATION: EXAMINING THE FREQUENCY AND WAYS OF USING ARTIFICIAL INTELLIGENCE AMONG STUDENTS	Online oral presentation
11.	16.00 – 16.15	Andraž Konc	WHAT SHOULD ECONOMICS STUDENTS LEARN? IDENTIFYING FOUNDATIONAL AND EMERGING QUESTIONS IN ECONOMICS USING GENERATIVE AI	Online oral presentation
12.	16.15 – 16.30	Josif Petrovski, Jane Stevanoski	DEVELOPING AI LITERACY COMPETENCIES FOR FUTURE TEACHERS IN THE ERA OF ARTIFICIAL INTELLIGENCE	Online oral presentation

13.	16.30 – 16.45	Milos Ilic, Ivan Radojkovic, Miroljub Grozdanovic	THE IMPACT OF ARTIFICIAL INTELLIGENCE ON EDUCATIONAL PARADIGMS	Online oral presentation
14.	16.45 – 17.00	Ljubomir Jovanovski, Snezana Mirascieva	SUPPORTING TEACHER-STUDENT COMMUNICATION IN AI-ENHANCED LEARNING: THE ROLE OF SCHOOL PEDAGOGUES	Online oral presentation
15.	17.00 – 17.15	Jelena Bajić	ETHICAL USE OF GENERATIVE ARTIFICIAL INTELLIGENCE IN ACADEMIC WORK	Online oral presentation
	17.15 – 17.30	Conclusion of Sesion 2	Final discussion and Moderators' Remarks	

May 16, 2026.

Time **Activity**

10.00-12.45 **Poster session work**

12.45-13.00 **Conclusion of the Conference**

Poster presentations: Faculty Hall

Moderators: Katarina Stanković, Milan Krstić

Topics: AI Literacy and Teacher Professional Development, AI-Enhanced Teaching and Learning Environments, Generative AI, Creativity, and Future Learning Paradigms

No.	Time	Authors/Speakers	Topic	Form
1.	10.00 – 10.15	Marija Dejković, Milan Krstić, Emilija Krstić	ARTIFICIAL INTELLIGENCE IN PLANNING SCIENCE WORKSHOPS: A COMPARATIVE ANALYSIS OF SCENARIOS DEVELOPED BY TEACHERS, STUDENTS, AND CHATGPT – THE CASE OF THE “SAVE WATER” PROJECT	Online poster presentation
2.	10.15 – 10.30	Bratislav Ž. Nikolić, Milan N. Krstić, Katarina P. Stanković, Anđela D. Protić Jaćimović	RAG-BASED SYSTEM FOR RUSSIAN PHONETIC TRANSCRIPTION FOR SERBIAN LEARNERS: A PILOT STUDY	Online poster presentation
3.	10.30 – 10.45	Marija Chanova	PERCEPTION, ATTITUDES, MOTIVATION, AND FREQUENCY OF AI TOOL USAGE AMONG HIGH SCHOOL BOYS AND GIRLS: A QUANTITATIVE AND QUALITATIVE ANALYSIS	Online poster presentation
4.	10.45 – 11.00	Anđela Protić Jaćimović, Vesna Zdravković	BOOKS, THE INTERNET, AND ARTIFICIAL INTELLIGENCE AS SOURCES OF KNOWLEDGE IN TEACHING READING COMPREHENSION	Online poster presentation
5.	11.00 – 11.15	Ivana Tasić Mitić, Ana Spasić Stošić, Aleksandar Stojadinović	ARTIFICIAL INTELLIGENCE AS SUPPORT FOR INDIVIDUALIZED LEARNING IN CLASS TEACHING	Online poster presentation
6.	11.15 – 11.30	Sanja Anđelković, Milica Ristić, Nela Malinović Jovanović	THE ROLE OF CHATGPT AS AN ARTIFICIAL INTELLIGENCE TOOL IN REDUCING STUDENTS' MATHEMATICS ANXIETY	Online poster presentation
7.	11.30 – 11.45	Aleksandra Krstić, Jelena Maksimović	ANALYSIS OF TEACHER'S COMPETENCIES FOR THE USE OF ARTIFICIAL INTELLIGENCE IN TEACHING	Online poster presentation
8.	11.45 – 12.00	Dragana Stanojević, Ljiljana Mitić, Tatjana Đukić Milosavljević	THE IMPACT OF ARTIFICIAL INTELLIGENCE ON THE REDESIGN OF TEACHING STRATEGIES AND METHODS	Online poster presentation
9.	12.00 – 12.15	Ljiljana Mitić, Dragana Stanojević, Ivko Nikolić	THE POTENTIAL OF AI-DRIVEN ADAPTIVE LEARNING SYSTEMS FOR ENHANCING THE QUALITY OF THE EDUCATIONAL PROCESS	Online poster presentation
10.	12.15 – 12.30	Demir Šaćirović, Mejra Zećirović, Elvir Muslić, Fadil Novalić	PROFESSIONAL DEVELOPMENT NEEDS OF PRIMARY SCHOOL TEACHERS FOR AI INTEGRATION IN NATURE AND SOCIETY INSTRUCTION: EVIDENCE FROM SERBIA	Online poster presentation
11.	12.30 – 12.45	Danijela Avramović	HUMAN-AI PARTNERSHIPS IN UNIVERSITY EDUCATION: A CONCEPTUAL FRAMEWORK FOR SUSTAINABLE NATURAL RESOURCE MANAGEMENT	Online poster presentation
	12.45 – 13.00	Conclusion of the Conference		