ICETA 2025
International Conference

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ICETA 2025

23rd International Conference on Emerging eLearning Technologies and Applications

NOVEMBER 13 - 14, 2025
GRAND HOTEL STARÝ SMOKOVEC, HIGH TATRAS, SLOVAKIA

Conference is organized in close cooperation with

Technical University of Košice, Slovakia,

Slovak University of Technology, Faculty of Informatics and Information Technology
and
Faculty of Management Science and Informatics, University of Žilina, Slovakia.

All accepted papers will be submitted for inclusion into IEEE Xplore Digital Library and SCOPUS.

IMPORTANT NEWS!

After the conference, selected papers in their extended versions will be placed into the special issuess of the following journals:

Scalable Information Systems (WOS) (https://publications.eai.eu/index.php/sis)
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As there is this possibility to publish your paper in top-tier journals, please, pay reasonable attention to the preparation of your paper. Review process will be implemented with a view to achieving high quality outputs and articles of insufficient quality or out of conference topics are unlikely to pass the review process.

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CONFERENCE PROFILE

Official conference language and language which contributions are accepted in is

English.

CONFERENCE OBJECTIVES

- Exchange of experiences in developing and utilization of advanced ICT for education
- Development of a multidisciplinary platform for information exchange in research and development of multimedia and hypermedia applications, in a complex ICT support of education and in new ICT based services for education
- Supporting a collaboration among the users and suppliers of educational solutions

CONFERENCE STRUCTURE

- Plenary lectures of invited speakers
- Oral sessions
- Specialized sessions
- Dialog (poster) sessions
- Videoconferencing and remote presentations
- Panel discussions
- Exhibition and showcases

TOPICS AND SUBTOPICS

1. Education and Research

2. Emerging Technologies in Education

3. e-Content Management and Developement Tools, Content-oriented Applications

4. Cases and Projects

5. New Trends, Experience and New Challenges for the Higher

Education Area

- Politics of educational process in knowledge society
- National and European qualifications framework
- Revitalization of higher education and promotion of industry-university collaboration
- Multinational educational, training, and youth partner programs
- International projects of innovative teaching and learning
- Educational structures over crossing country borders - international recognition of qualifications and comparability of qualifications
- Sharing best practices on intercultural education
- Education, research and globalization
- Leadership and university administration
- ICT skills
- AI in innovative teaching and learning
- Industry-university collaboration enhanced by AI
- AI for assessments and qualifications
- Cybersecurity education and awareness

DEADLINES

Paper full version (min. 6 pages, for reviewing process)	**September 28, 2025**
Notification about acceptance	**October 15, 2025**
Final paper (final format for publishing in IEEE pproceedings)	**October 30, 2025**
Last information and Final Program	**October 30, 2025**
Conference Days	**November 13 - 14, 2025**

REGISTRATION FEES and OPTIONS

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AUTHOR SECTION

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KEYNOTES



Tomáš Buday



Daniel Carruth



Gabriel Galgoci



Jozef Hvorecky



Gabriel Juhás



Lilla Korenova



Angelika Schmid



Miroslav Šimko



Peter Sinčák



Lenka Sokolová

CONFERENCE PROGRAMME

November 13, 2025 (THURSDAY)

November 14, 2025 (FRIDAY)

Poster Section

Fridrich August Lounge

Chairman: Dominik Gurník
Discussion with authors: November 13, 2025, 14:30 - 18:00
Poster Session I (in English)

14:30-14:35	**CREATING A RANDOMIZED ASSIGNMENT FOR A SYSTEMS PROGRAMMING COURSE** T. Buček, D. Opavský, J. Genči, Technical University of Košice, Slovakia
14:35-14:40	**SPACE EXPLORATION AS A LEARNING TOOL IN AN EDUCATIONAL VR GAME** L. Bubeňková, M. Murin, M. Michalko, L. Libjaková, Technical University of Košice, Slovakia
14:40-14:45	**LLM TOOLS FOR PROGRAMMING** M. Čerňanský, P. Hafner, I. Dirgová Luptáková, University of Ss. Cyril and Methodius in Trnava, Slovakia

14:45-14:50	**AUTOMATED ASSESSMENT OF OPEN-ENDED COMPUTER SCIENCE QUESTIONS USING LARGE LANGUAGE MODELS** M. Ölvecký, M. Beňo, P. Díaz, University of Ss. Cyril and Methodius in Trnava, Slovakia
14:50-14:55	**ASSESSING THE TRUSTWORTHINESS OF LLMS IN SLOVAK IN TERMS OF TRUTHFULNESS AND ROBUSTNESS** M. Matejová, J. Paralič, U. Dalidovich, Technical University of Košice, Slovakia
14:55-15:00	**INTEGRATION OF ARTIFICIAL INTELLIGENCE INTO E-LEARNING PLATFORMS** K. Pribilova, D. Gabriska, P. Strelec, University of Ss. Cyril and Methodius in Trnava, Slovakia
15:00-15:05	**THE IMPACT OF GENERATIVE ARTIFICIAL INTELLIGENCE ON SOFTWARE ENGINEERING EDUCATION** V. Siládi, Matej Bel University, Banská Bystrica, Slovakia
15:05-15:10	**ANALYZING INTERNET ANONYMITY: A FRAMEWORK OF ANONYMITY LEVELS** O. Kainz, M. Wencel, M. Michalko, M. Murin, I. Semanová, E. Šimko, Technical University of Košice, Slovakia
15:10-15:15	**DEFINITION OF CYBERSECURITY WITH AN EMPHASIS ON AWARENESS AND RECOGNITION OF POTENTIAL THREATS TO ORGANIZATIONS** D. Findriková, D. Toman, M. Kubina, University of Žilina, Slovakia
15:15-15:20	**THE USE OF GENERATIVE ARTIFICIAL INTELLIGENCE IN TEACHING CZECH LANGUAGE IN LOWER SECONDARY SCHOOLS: A PILOT STUDY** M. Závodná, T. Havlásková, T. Javorčík, K. Kostolányová, University of Ostrava, Czech Republic
15:20-15:25	**POLYMORPHIC MALWARE BEHAVIOR DETECTION AND ITS ROLE IN CYBERSECURITY TRAINING** O. Kainz, T. Vitkovič, M. Michalko, M. Murin, I. Nováková, E. Šimko, Technical University of Košice, Slovakia

15:25-15:30	**VULNERABILITY SCANNING UNDER SLOVAK CYBERSECURITY LAW: EFFICIENT OPEN SOURCE IMPLEMENTATION** T. Mačuha, K. Kampová, University of Žilina, Slovakia
15:30-15:35	**CRYPTOGRAPHY AND CYBERSECURITY LABS: CONNECTING THEORY WITH PRACTICE** A. Kanáliková, E. Bubeníková, P. Peniak, University of Žilina, Slovakia
15:35-15:40	**ANALYSIS OF SSH ATTACK FREQUENCY ON STANDARD AND NON-STANDARD PORTS IN IPV4 AND IPV6** D. Hrinkino, L. Huraj, M. Šimon, University of Ss. Cyril and Methodius in Trnava, Slovakia
15:40-15:45	**CLOUD FEDERATION: A COMPARATIVE STUDY AND EXPLORATION OF MULTI-CLOUD SOLUTIONS IN THE DIGITAL ERA** D. Kafka, P. Segeč, M. Moravčík, University of Žilina, Slovakia
15:45-15:50	**GEN-Z PERSONA LIBRARY FOR CYBERSECURITY AWARENESS CAMPAIGNS** A. Hurajová, L. Huraj, P. Klieštinec, University of Ss. Cyril and Methodius in Trnava, Slovakia
15:50-15:55	**VOICE AUTHENTICATION PROTOTYPE USING SPEAKER EMBEDDINGS FOR HANDS-ON DEMONSTRATION** M. Jakubec, R. Jarina, D. Jarinová, M. Baláži, University of Žilina, Slovakia
15:55-16:00	**SECURE MICROCREDENTIAL MANAGEMENT THROUGH BLOCKCHAIN: THE BLOCK.ED PROJECT** I. Orbanová, ASTRA - Association for Innovation and Development, Slovakia
16:00-16:05	**WEB APPLICATION FOR THE DEVELOPMENT OF ALGORITHMIC THINKING AND PROGRAMMING SKILLS: SYNERGISTIC INTEGRATION OF CODE VISUALISATION, MEMORY MODEL, AND DOUBLY LINKED LIST IN C** J. Jurinová, M. Beňo, University of Ss. Cyril and Methodius in Trnava, Slovakia

16:05-16:10	**A MULTIPLATFORM APPLICATION FOR PERSONALIZED EDUCATIONAL MATERIALS IN SPECIAL NEEDS EDUCATION** L. Bubeňková, M. Murin, B. Zurian, Technical University of Košice, Slovakia
16:10-16:15	**A HEALTHCARE INFORMATION SYSTEM AS A PLATFORM FOR MACHINE LEARNING IN DIAGNOSTICS** L. Blahová, M. Kostelej, P. Lancaric, University of Žilina, Slovakia
16:15-16:20	**ANALYSIS OF DIGITAL, COMPETENCY, AND EDUCATIONAL READINESS OF CONSTRUCTION MANAGERS FOR AI IMPLEMENTATION** T. Mandičák, P. Mésároš, K. Krajníková, G. Galgóci, Technical University of Košice, Slovakia
16:20-16:25	**TRACKING PEER-TEACHER AGREEMENT IN EDUCATIONAL ROBOTICS ASSESSMENT** J. Krcho, Comenius University in Bratislava, Slovakia
16:25-16:30	**PAPER STATUS INTEGRATING MOVEMENT INTO EDUCATIONAL SETTINGS THROUGH ACTIVE WORKSTATIONS AND THEIR IMPACT ON PHYSICAL ACTIVITY AND ACADEMIC PERFORMANCE** V. Sedláková, N. Ferenčík, T. Balint, R. Hudák, D. Malakhov, Technical University of Košice, Slovakia
16:30-16:35	**ENTERPRISE NETWORKING TRENDS AND EVALUATION OF AI ASSISTANTS** P. Segeč, M. Moravčík, J. Uramová, J. Papán, P. Grexa, University of Žilina, Slovakia
16:35-16:40	**LOGOHRA: A CUSTOMIZABLE GAMIFIED SPEECH THERAPY PLATFORM** J. Kovac, S. Ondas, Technical University of Košice, Slovakia
16:40-16:45	**SHORT EDUCATIONAL VIDEOS: ASSESSING ROLE AND IMPACT ON KNOWLEDGE ACQUISITION AND STUDENT EXPERIENCE** S. Ondáš, Z. Sokolová, J. Staš, D. Pinčák, Technical University of Košice, Slovakia

16:45-16:50	**THERMAL IMAGING AS A TOOL IN TECHNICAL EDUCATION AND APPLIED ENGINEERING** R. Králiková, E. Lumnitzer, V. Eiben, E. Lukač-Jurgovská, Technical University of Košice, Slovakia
16:50-16:55	**MODEL-DRIVEN DEVELOPMENT AS A THEORY–PRACTICE BRIDGE IN THEORETICAL COMPUTER SCIENCE EDUCATION** S. Novotný, M. Kohútová, W. Steingartner, J. Perháč, Technical University of Košice, Slovakia
16:55-17:00	**DIGILIB: DIGITAL LIBRARY OF E-TOOLS FOR FORMATIVE SELF-ASSESSMENT** D. Maceková, M. Václavková, M. Kvet, University of Žilina, Slovakia
17:00-17:05	**EDUCATIONAL IOT RESEARCH AND LEARNING BOARD** T. Bača, L. Čechovič, J. Šumský, M. Kubaščík, University of Žilina,, Slovakia
17:05-17:10	**DESIGN AND IMPLEMENTATION OF AN ACADEMIC NOC USING NETBOX TOWARDS AUTOMATION** P. Segeč, M. Kontšek, J. Uramová, J. Papán, M. Nimohaj, University of Žilina, Slovakia
17:10-17:15	**C6-DATALOG:ANESP32-C6DATALOGGER FOR IOT RESEARCH** J. Šumský, P. Kolok, T. Bača, L. Čechovič, University of Žilina, Slovakia
17:15-17:20	**MULTI-CRITERIA ANALYSIS OF OPEN-SOURCE PLATFORMS FOR DEPLOYING MULTI-TENANT SOCAAS IN AN ACADEMIC ENVIRONMENT** P. Segeč, D. Kafka, L. Žideková, M. Moravčík, University of Žilina, Slovakia
17:20-17:25	**IMAGE STITCHING METHODS FOR ENHANCED MULTICAMERA COMPUTER VISION** D. Cymbalák, R. Vápeník, M. Korének, CVTI SR, Slovakia
17:25-17:30	**PARK@FIIT: A LORA-BASED PARKING SYSTEM** S. Sventek, L.Zemko, J. Dubec, P. Čičák, K. Jelemenská, Slovak University of Technology in Bratislava, Slovakia

17:30-17:35	**WIRELESS TIMEKEEPING SYSTEM FOR SPORTING EVENTS BASED ON ESP32C6 MICROCONTROLLER** P. Kolok, J. Šumský, M. Hodoň, M. Kačina, University of Žilina, Slovakia
17:35-17:40	**ANALYSIS OF TREE SWAY RESPONSE TO WIND CONDITIONS USING LOW-COST SENSOR SYSTEM.** P. Kolok, J. Šumský. M. Chochul, M. Hell, University of Žilina, Slovakia
17:40-17:45	**FORMULA 1 DATABASE: OPTIMIZATION AND COMPREHENSIVE DATA ANALYSIS** E. Bernaťáková, M. Kvet, M. Kvet, University of Žilina, Slovakia
17:45-17:50	**FRISTACK - MODULAR STACKABLE SYSTEM BASED ON ESP32** A. Šimkovič, M. Bobček, P. Kolok, M. Kubaščík, University of Žilina, Slovakia
17:50-17:55	**DESIGN OF A SECAAS SERVICE IN A PRIVATE CLOUD** J. Uramová, P. Segeč, P. Tanuška, University of Žilina, Slovakia
17:55-18:00	**GNS3AAS: NETWORKING LAB IN OPENSTACK** M. Kontšek, P. Segeč, M. Moravčík, J. Uramová, University of Žilina, Slovakia

Fridrich August Lounge

Chairman: Michal Gabonai
Discussion with authors: November 14, 2025, 9:00 – 14:25
Poster Session II (in English)

09:00-09:05	**LEXIGUARD: A MULTILINGUAL TRANSFORMER-BASED APPROACH TO DETECTING SEXIST AND TOXIC LANGUAGE** Z. Sokolová, M. Pleva, E. Kupcová, M. Sokol, M. Majerčáková, Technical University of Košice, Slovakia

09:05-09:10	**WEB-BASED IMPLEMENTATION OF AUTOMATIC SPEECH EMOTION RECOGNITION** E. Kupcová, M. Pleva, Z. Sokolová, K. Sopkovič, M. Lukáč D. Levický, Technical University of Košice, Slovakia
09:10-09:15	**CORRECTING SLOVAK: A COMPARATIVE STUDY OF FINE-TUNING MBART MODELS FOR GRAMMATICAL ERROR CORRECTION** M. Harahus, Z. Sokolová, M. Pleva, Technical University of Košice, Slovakia
09:15-09:20	**SIMPLE BLOCK PROGRAMMING IN MICROWORLD BASED ON BEBRAS TASK - HOW SUCCESSFUL ARE CZECH AND SLOVAK ELEMENTARY SCHOOL STUDENTS?** L. Budinská, K. Miková, P. Klofáč, Comenius University in Bratislava, Slovakia
09:20-09:25	**TEACHERS' AWARENESS OF ONLINE THREATS AND INTEREST IN EDUCATION** J. Uramová, M. Režný, O. Škvarek, University of Žilina, Slovakia
09:25-09:30	**ADVANCING MOBILE ROBOTICS EDUCATION: OBJECT DETECTION AND SCENE DESCRIPTION USING EDGE AI AND CLOUD LLMS** M. Krupáš, S. Pravytska, J. Vaščák, I. Zolotová, Technical University of Košice, Slovakia
09:30-09:35	**USE OF AUGMENTED REALITY CONCEPT FOR UAV SIMULATION** J. Vaščák, P. Mikčo, P. Papcun, Ľ. Urblík, I. Zolotová, Technical University of Košice, Slovakia
09:35-09:40	**IMPLEMENTING AI TECHNIQUES FOR EFFICIENT SEARCHING IN DOCUMENT DATABASES** S. Maťašová, M. Chovanec, E. Chovancová, D. Čatloch, Technical University of Košice, Slovakia
09:40-09:45	**EXTENDED REALITY BASED FIRE SAFETY TRAINING SYSTEM FOR HUMANOID ROBOT KNOWLEDGE BASE** Sobota B., Korečko Š., Farkaš I., Kolesár J., Sobota T., Technical University of Košice, Slovakia

09:45-09:50	**DIGITAL TWIN INPUT METHODS: A LITERATURE REVIEW** Sobota T., Korečko Š., Sobota B., Technical University of Košice, Slovakia
09:50-09:55	**EXPLORING OLDER ADULTS' EXPERIENCE OF NEUROREHABILITATION IN VIRTUAL REALITY WITHIN A UNIVERSITY OF THE THIRD AGE** Korečko Š., Mathes J., Sobota B., Rosípal R., Technical University of Košice, Slovakia
09:55-10:00	**IMPLEMENTATION OF RESEARCH FINDINGS ON CORONA NOISE PROPAGATION INTO THE TEACHING PROCESS AT TECHNICALLY ORIENTED UNIVERSITIES** E. Lumnitzer, E. Lukáč Jurgovská, M. Piňosová, R. Králikova, Technical University of Košice, Slovakia
10:00-10:05	**SOLVING GEOMETRY PROBLEMS OF THE INTERNATIONAL MATHEMATICAL OLYMPIAD USING COMPUTATIONAL METHODS** P. Novotný, H. Bachratý, University of Žilina, Slovakia
10:05-10:10	**MODELING ROAD-LEVEL CELLULAR QUALITY WITH CONTINUOUS-TIME MARKOV CHAINS** P. Lehoczký, M. Galinski, I. Kotuliak, Slovak University of Technology in Bratislava, Slovakia
10:10-10:15	**LAYERED MINIMUMS AND VIRTUAL LABS IN THE SERVICE OF INDUSTRIAL TRANSFERABILITY (REMOTE PRESENTATION)** E. Popof, Z. Gömböcz, Eötvös Loránd University, Hungary
10:15-10:20	**THE ROLE OF ROOM IMPULSE RESPONSE IN EDUCATIONAL APPLICATIONS** J. Urbanek, P. Kasák, R. Jarina, University of Žilina, Slovakia
10:20-10:25	**RANSOMWARE DETECTION USING MACHINE LEARNING ALGORITHMS** D. Čatloch, E. Chovancová, M. Chovanec, S. Maťašová, Technical University of Košice, Slovakia

10:25-10:30	**DETECTION OF TOXIC ONLINE CONTENT IN GAMES USING DEEP LEARNING** P. Demeter, K. Machová, Technical University of Košice, Slovakia
10:30-10:35	**COMPARISON OF CLASSIC DEEP MODELS VERSUS MODELS BASED ON TRANSFORMER ARCHITECTURE IN THE TOXICITY DETECTION TASK** K. Machová, M. Mach, P. Demeter, P. Gecík, Technical University of Košice, Slovakia
10:35-10:40	**NETWORK SECURITY SITUATIONAL AWARENESS USING FORMAL CONCEPT ANALYSIS** D. Kotlárová, P. Sokol, O. Krídlo, Ľ. Antoni, Pavol Jozef Šafárik University in Košice, Slovakia
10:40-10:45	**LAW EDUCATION IN THE AGE OF ARTIFICIAL INTELLIGENCE: A PERSPECTIVE OF A CASE STUDY** Z. Gyurász, E. Krkošková, Faculty of Law, Comenius University, Slovakia
10:45-10:50	**PERFORMANCE EVALUATION OF AODV, MONTE CARLO AND DEEP Q-LEARNING ROUTING IN MOBILE AD HOC NETWORKS** J. Badár, J. Papaj, Technical University of Košice, Slovakia
10:50-10:55	**LIGHTWEIGHT DEEP LEARNING MODELS FOR WILDLIFE MONITORING IN IOT AND EDGE APPLICATIONS: A SURVEY** M. Martinský, J. Papán, S. Tatarka, University of Žilina, Slovakia
10:55-11:00	**DEPLOYMENT AND DESIGN OF AI-POWERED EDGE SYSTEMS FOR WILDLIFE MONITORING: A SURVEY** M. Martinský, J. Papán, S. Tatarka, University of Žilina, Slovakia
11:00-11:05	**MACHINE LEARNING FOR COVID-19 RISK ASSESSMENT IN CARDIOVASCULAR PATIENTS** O. Lohaj, J. Paralič, T. Klein, Technical university of Košice, Slovakia

11:05-11:10	**MODELLING AND DEVELOPMENT OF SMART GLASSES FOR THE BLIND** L. Klein, N. Ferenčík, M. Danko, K. Dudová, T. Balint, R. Hudák, Technical university of Košice, Slovakia
11:10-11:15	**OPTIMIZATION OF PRODUCTION PARAMETERS IN 3D PRINTING OF SAMPLES FROM FLEXIBLE MATERIALS** T. Balint, J. Živčák, R. Hudák, V. Sedláková, Technical university of Košice, Slovakia
11:15-11:20	**EXPERIENCE WITH THE EMERGING TSN TECHNOLOGY AND ITS IMPLEMENTATION IN EDUCATION** P. Drahoš, I. Bélai Sr., Slovak University of Technology in Bratislava, Slovakia
11:20-11:25	**SMART EDUCATIONAL PROCESS OF EMPLOYEES IN THE MANUFACTURING ENTERPRISE** L. Knapčíková, A. Behúnová, D. Bobko, M. Karaka, Technical University of Košice, Slovakia
11:25-11:30	**OPENSTACK – ARCHITECTURE OVERVIEW AND COMPARISON OF DEPLOYMENT OPTIONS** M. Moravčík, I. Bridová, M. Kontšek, P. Segeč, University of Žilina, Slovakia
11:30-11:35	**SECURE AND EFFECTIVE CLOUD INFRASTRUCTURE** I. Bridová, M. Moravčík, L. Žideková, J. Uramová, University of Žilina, Slovakia
11:35-11:40	**VIBE CODING IN EDUCATION** G. Kusper, Cs. Szabó, Technical University of Košice, Slovakia
11:40-11:45	**STUDENT PROJECTS FOR AN INDOOR LOCALIZATION SYSTEM** A. Kanáliková, E. Bubeníková, P. Peniak, University of Žilina, Slovakia
11:45-11:50	**A THREE-LEVEL ABSTRACTION APPROACH TO DATA STRUCTURES EDUCATION** M. Varga, M. Mrena, M. Kvaššay, University of Žilina, Slovakia

11:50-11:55	**QUANTUM COMPUTING AND OPTIMIZATION THROUGH QUBO IN EDUCATION: A CASE STUDY ON EFFICIENT MULTI-AGENT ROUTE PLANNING** Rusnáková R., Chovanec M., Maťašová S., Gazda J.,Technical University in Košice, Slovakia
11:55-12:00	**OPTIMIZATION OF DECISION MAKING AND ENHANCEMENT OF MANUFACTURING PROCESS PERFORMANCE THROUGH THE APPLICATION OF BUSINESS INTELLIGENCE (REMOTE PRESENTATION)** A. Stareček, N. Bachanová, M. Lišaník, Z. Gyurák Babeľová, Slovak University of Technology in Bratislava, Slovakia
12:00-12:05	**REPUTATION SYSTEM AS A TOOL TO IMPROVE CONTENT QUALITY IN A VIRTUALIZED COMMUNITY PLATFORM** O. Udvardi, T. Jucha, J. Lang, Slovak University of Technology in Bratislava, Slovakia
12:05-12:10	**SURVEY OF DATASETS FOR MACHINE LEARNING-BASED NETWORK FAILURE PREDICTION** S. Tatarka, J. Papán, M. Martinský, University of Žilina, Slovakia
12:10-12:15	**MEMES AS MULTIFUNCTIONAL COMMUNICATIVE ARTIFACTS: HUMOR, SOCIAL LEARNING, AND CRITICAL REFLECTION IN DOCTORAL EDUCATION ACROSS MEXICO AND ESTONIA** M. P. Rodriguez Guillen, G. Valerio-Ureña, Tecnológico de Monterrey, Mexico
12:15-12:20	**IMPACT OF COVID-19 ON STUDENTS' RESULTS AND THEIR PREFERENCES FOR TEACHING METHOD** V. Peterková, M. Pokorný, Trnava University, Slovakia
12:20-12:25	**STATE OF EDUCATION APPROACHES IN SLOVAK REPUBLIC** T. Bača, A. Tupý, J. Šumský, M. Kubaščík, University of Žilina, Slovakia

12:25-12:30	**LANGUAGE KNOWLEDGE AND PICTURE PREFERENCES OF ROMA CHILDREN: FOUNDATIONS FOR AUDIOLOGICAL TESTING IN THE ROMANI LANGUAGE** E. Kiktová, T. Mikloš, Pavol Jozef Šafárik University in Košice, Slovakia, Slovakia
12:30-12:35	**A SURVEY ON THE MATHEMATICAL SKILLS OF STUDENTS OF THE SLOVAK UNIVERSITY OF TECHNOLOGY IN THEIR FIRST YEAR OF STUDY** J. Kaľavu, M. Ďubek, A. A. Ožvat, Ľ. Staneková, S. Krišková, Slovak University of Technology in Bratislava, Slovakia
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12:45-12:50	**PROCESS OF SHARING KNOWLEDGE THROUGH PRIVATE CLOUD DOCUMENTATION** L. Žideková, I. Bridová, M. Moravčík, P. Segeč, University of Žilina, Slovakia
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13:00-13:05	**CASE STUDY: CREATING ESCAPE GAMES IN PYTHON USING AI ASSISTANTS** H. Ulrichová, M. Mrázová, D. Tran, T. Javorčík, T. Havlásková, J. Mrógala, University of Ostrava, Czech Republic

13:05-13:10	**AUTOMATIC MEDICATION DISPENSER FOR SENIORS** K. Dudová, N. Ferenčík, T. Tóth, B. Ondrejová, M. Čurillová, R. Hudák, Technical University of Košice, Slovakia
13:10-13:15	**ULTRASONIC SMART CANE WITH HAPTIC FEEDBACK** K. Dudová, N. Ferenčík, B. Ondrejová, B. Štefanovič, R. Hudák, T. Tóth, Technical University of Košice, Slovakia
13:15-13:20	**NON-LAPLACIAN UPPER BOUNDS FOR STOPPING DISTRIBUTED FLOODING ALGORITHM IN DISTRIBUTED WAY** M. Kenyeres, J. Kenyeres, I. Budinská, D. Bajovic, Slovak Academy of Sciences, Slovakia
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13:35-13:40	**VOIP AS A SERVICE: ASTERISK IN OPENSTACK PLATFORM** M. Kontšek, P. Segeč, M. Moravčík, I. Bridová, University of Žilina, Slovakia
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