



THE PROGRAM

DIGIAI SOCIETY 2026

SCITEED 2026

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DIGIAI SOCIETY 2026
**2nd International Congress on Digitalization, Artificial Intelligence
and Society**
April 5–8, 2026
Human-Centered Artificial Intelligence & Digital Society

SCITEED 2026
4th International Congress on Science, Technology and Education
April 5–8, 2026
April 5-8, 2026
Science, Technology & Transformative Education

**Liberty Hotels Lykia, Oludeniz
MUGLA / TURKEY**

PROGRAM <i>FRIDAY, APRIL 3, 2026</i>	
14:00-16:30	REGISTRATION FOR EARLY ARRIVALS <i>(14:00 Check-in)</i>
Everyday Tours	SOCIAL PROGRAM <ul style="list-style-type: none"> • <i>Saklıkent Jeep Safari</i> • <i>Paragliding in Oludeniz</i>

PROGRAM <i>SATURDAY, APRIL 4, 2026</i>	
9:00-16:30	REGISTRATION <i>(14:00 Check-in)</i>
13:15-18:00	SOCIAL PROGRAM THE BOAT CRUISE AROUND EXCELLENT BAYS OF BLUE LAGOON & VISIT TO St. NICHOLAS ISLAND <i>(Gathering at Congress registration desk)</i>

PROGRAM SUNDAY, APRIL 5, 2026	
DIGIAI & SCITEED EFLATUN	
PLENARY SESSION 09:30-10:15	<p>Chairperson: Ersin Kayahan</p> <p style="text-align: center;">Hassan O. Kaya University of KwaZulu-Natal, South Africa <i>"ID113 Beyond the Frontier: Driving Global Resilience through Youth-Led Digital and Indigenous Innovation"</i></p>
WORKSHOP 10-15-11:00 DIGI-DIGI 2026	<p>Chairperson: Hassan Kaya</p> <p>WORKSHOP: ID123- DIGITALIZING INDIGENOUS STI: YOUTH-LED INCLUSIVE AND SUSTAINABLE FUTURES IN SOUTH AFRICA AND TURKEY (DIGI-DIGI 2026)</p> <p><i>The Transformative and Challenging Role of AI in University Education</i></p> <p>Presenters: Mayashree Chinsamy and Sisanda Gqoboka, University of KwaZulu-Natal, South Africa</p>
11:00-11:30	COFFEE BREAK
PLENARY SESSION 11:30-12:15	<p>Chairperson: Ersin Kayahan</p> <p style="text-align: center;">David Banes David Banes Access and Inclusion Services, UK <i>"ID248 Implementing AI for inclusion of learners with disabilities: Opportunities and Challenges"</i></p>
12:30-14:00	LUNCH
WORKSHOP 14:00-15:30 DIGI-RES 2026	<p style="text-align: center;">DIGIAI EFLATUN</p> <p>Chairperson: Nataliya Venelinova</p> <p>WORKSHOP: Digital Intelligence, Resilience and Sustainable Transformation in Smart Societies</p> <p><i>DIGITAL DISCRIMINATION AND DIGITAL DEVIDE CHALLENGES IN MODERN SOCIAL INTERACTIONS</i> Presenter: Nataliya Venelinova, University of Ruse "Angel Kanchev", Bulgaria</p> <p><i>Application of geographic information systems in formation of effective urban transport infrastructure for sustainable development Challenges</i> Presenter: Dimitar Grozev, University of Ruse "Angel Kanchev", Bulgaria</p> <p><i>THE LONG-TERM RESILIENCE OF GLOBALLY DEPENDENT CRITICAL ENTITIES GENERATES THE PROSPERITY OF MODERN SOCIETIES</i> Presenter: Kiril Stoychev, University of Ruse "Angel Kanchev", Bulgaria</p> <p><i>Towards the psychology of the artificial intelligence and how it affects the general security of the people</i> Presenter: Romyana Bratanova, University of Ruse "Angel Kanchev", Bulgaria</p> <p><i>New business models enabling digital transformation in society</i> Presenter: Irina Vasileva Kostadinova, University of Ruse "Angel Kanchev", Bulgaria</p> <p><i>Emotional and Social Intelligence of Generative AI Models</i> Presenter: Ana Todorova, University of Ruse "Angel Kanchev", Bulgaria</p> <p><i>Synergistic Applications of 3D Technologies: for Cultural Heritage Digitization and Reverse Engineering in Manufacturing</i> Presenter: Diyana Dimitrova Kinaneva, University of Ruse "Angel Kanchev", Bulgaria</p> <p><i>Synergistic Applications of 3D Technologies for Cultural Heritage Digitization and Reverse Engineering in Manufacturing</i> Presenter: Georgi Dimitrov Georgiev, University of Ruse "Angel Kanchev", Bulgaria</p>
15:30-16:00	COFFEE BREAK

WORKSHOP 16:00-17:30 DIGI-RES 2026	DIGIAI EFLATUN
	Chairperson: Daniel Bratanov
	WORKSHOP: Digital Intelligence, Resilience and Sustainable Transformation in Smart Societies (DIGI-RES 2026)
	<i>Mechatronic Applications for First Responders to Enable Fast Rescue</i> Presenter: Daniel Bratanov, University of Ruse "Angel Kanchev", Bulgaria
	<i>AI-Driven Strategies for Carbon Footprint Reduction in Smart Grids and Industrial Energy Systems</i> Presenter: Tsvetelina Tsvetozarova Stefanova, University of Ruse "Angel Kanchev", Bulgaria
	<i>Modelling processes to improve environmental factors in indoor premises</i> Presenter: Snezhinka Lyubomirova Zaharieva, University of Ruse "Angel Kanchev", Bulgaria
	<i>Copper-Modified Titanium Implants: Functional Benefits, Manufacturing Strategies, and Biocompatibility Considerations</i> Presenter: Maria P. Nikolova, University of Ruse "Angel Kanchev", Bulgaria
<i>Smart Economic Optimization of Transport and Logistics Processes</i> Presenter: Ivan Georgiev, University of Ruse "Angel Kanchev", Bulgaria	
<i>Mathematical Epidemic Modelling of COVID-19: A Case Study of Bulgaria</i> Presenter: Slavi Georgiev, University of Ruse "Angel Kanchev", Bulgaria	
<i>Application of geographic information systems in formation of effective urban transport infrastructure for sustainable development</i> Presenter: DZHEMAL EROL TOPCHU, University of Ruse "Angel Kanchev", Bulgaria	

PROGRAM MONDAY, APRIL 6, 2026	
SCITEED EFLATUN	
PLENARY SESSION 09:30-10:15	Chairperson: Ersin Kayahan <p style="text-align: center;"> Valorie Zonnefeld Dordt University, United States <i>"ID248 A Growth Mindset towards STEM Education: Strategies that Leverage Incremental Theories of Intelligence to Improve Achievement"</i> </p>
PLENARY SESSION 10:15-11:00	Chairperson: Ersin Kayahan <p style="text-align: center;"> Elena Kardanova HSE University, Russian Federation <i>"ID228 A NEW APPROACH TO AI-GENERATION OF MATH TEST ITEMS WITH CONTROL OF ITEM DIFFICULTY"</i> </p>
11:00-11:30	COFFEE BREAK
WORKSHOP 11:30-12:15 DIGI-MTVS 2026	<p style="text-align: center;"> DIGIAI IBNI SINA </p> Chairperson: Nely Georgieva (Trakia University, Bulgaria) WORKSHOP: Metaverse for Collaborative and Immersive Learning in Higher Education (DIGI-MTVS 2026) ID96 Immersive (VR/3D) Teaching of the Physical Layer and Network Infrastructure Presenter: Vanya Stoykova, Trakia University, Bulgaria ID94 Generative Artificial Intelligence in Engineering Education: Role, Student Use Patterns, and Pedagogical Challenges Presenter: Tanya Pehlivanova-Gocheva, Trakia University, Bulgaria ID90 Exploring the Potential of Immersive Technologies for the Study of Thermal Energy Processes Presenter: Vasil Hristov, Nely Georgieva, Trakia University, Bulgaria ID88 Integrating XR into Engineering and Programming Education: Platforms and Adaptation Strategies Presenter: Veselina Nedeva, Trakia University, Bulgaria

12:30-14:00	LUNCH	
PARALLEL SESSIONS 14:00-15:30	<p style="text-align: center;">SCITEED EFLATUN</p> <p>Chairperson: Vesna Rastija</p> <p>14:00-14:30 Vesna Rastija University of Osijek, Croatia (Invited speaker) ID271 Incorporating environmental concerns into chemistry classes for undergraduate students of agronomy</p> <p>14:30-15:00 Eunjung Lee University of Toronto, Canada (Invited speaker) ID260 Innovative Simulation Pedagogy: Integrating Generative AI and e-Learning in Graduate Social Work Education</p> <p>15:00-15:30 Seniha Kısakürek Muğla Sıtkı Koçman University, Turkey (Invited speaker) ID270 From Social Media to Artificial Intelligence: Digital Transformation in Dental Education</p>	<p style="text-align: center;">DIGIAI IBNI SINA</p> <p>Chairperson: Veselina Nedeva (Trakia University, Bulgaria)</p> <p>14:00-15:30 WORKSHOP: Metaverse for Collaborative and Immersive Learning in Higher Education (DIGI-MTVS 2026)</p> <p>ID95 <i>The Transformative and Challenging Role of AI in University Education</i> Presenter: Snezhana Dineva, Trakia University, Bulgaria</p> <p>ID91 <i>Using a Virtual CAVE in Computer Networking Training</i> Presenter: Apostol Todorov, Trakia University, Bulgaria</p> <p>ID89 <i>Application of Virtual Reality in Teaching Computer-Aided Manufacturing (CAM) to Engineering Students</i> Presenter: Nely Georgieva, Georgi Georgiev, Trakia University, Bulgaria</p> <p>ID97 <i>Using Gemini & NotebookLM for AI-Driven Collaborative Learning in Higher Education</i> Presenter: Andrian Minchev, Trakia University, Bulgaria</p>
	15:30-16:00	COFFEE BREAK
PARALLEL SESSIONS 16:00-17:30	<p style="text-align: center;">SCITEED EFLATUN</p> <p>Chairperson: Elena Kardanova</p> <p>16:00-16:30 Elena Kardanova & Lyazzat Shinetova HSE University, Russian Federation & National Testing Center, Kazakhstan (Invited Speaker) ID 229 VALIDATING KAZAKHSTAN'S UNIFIED NATIONAL TESTING (UNT): AN EVIDENCE BASE FOR FAIR AND STEM-ALIGNED ASSESSMENT</p> <p>16:30-17:00 Tabisa Mayisela University of Cape Town, South Africa (Invited Speaker) ID 295 Micro-credentials for epistemological and flexible access in a postgraduate diploma at a South African University: A social justice perspective</p> <p>17:00-17:30 Mao Tze Bayotas Maritime Academy of Asia and the Pacific, Philippines (Invited Speaker) ID 281 GREEN SEAFARING INITIATIVE: CAPACITY BUILDING OF FILIPINO SEAFARERS IN A JUST TRANSITION TOWARDS A GREEN AND EFFICIENT MARITIME INDUSTRY</p>	<p style="text-align: center;">SCITEED IBNI SINA</p> <p>Chairperson: Nurul Ashikin Izhar</p> <p>16:00-16:30 Nurul Ashikin Izhar UNIVERSITI SAINS MALAYSIA, Malaysia (Invited speaker) ID103 Bridging the Digital Divide through Culturally Grounded AI Literacy: A Case Study of the Smart Artificial Intelligence (SAIL©) Programme among the Aboriginal Community in Malaysia</p> <p>16:30-17:00 Nermin Kh. ELnaas Research Authority – Benghazi Branch, Libya (Invited Speaker) ID 283 Digital Transformation in Technical and Vocational Education in Libya During COVID-19: Crisis Management, Remote Learning, Institutional Partnerships, and Reducing the Digital Divide</p> <p>17:00-17:30 MUHAMMAD FAHMI BIN ZAKARI SK Bayu Lalang PASIR MAS Malaysia, Malaysia (Invited Speaker) ID 302 HUMANISING INTELLIGENCE IN REMEDIAL EDUCATION: IMPACTS OF THE PARENT-ADULT-CHILD (P-A-C) COMMUNICATION MODEL ON LEARNER DEVELOPMENT</p>
	POSTER SESSION 17:30-18:30	<p>FOYER (Poster Session Area)</p> <p>Chairperson: Ersin Kayahan</p> <p>POSTER SESSION</p> <p>DIGIAI & SCITEED</p>
19:30-21:30	<p>SPECIAL DINNER WITH SEMIMATER & SCITEED & DIGIAI SOCIETY PLENARY - INVITED SPEAKERS</p> <p>(Authentic Turkish Cuisine)</p>	

PROGRAM
TUESDAY, APRIL 7, 2026

SCITEED
EFLATUN

PLENARY SESSION 09:30-10:15	<p>Chairperson: Zuhal Yilmaz Dogan</p> <p style="text-align: center;">Zuhal Yilmaz Dogan DOGA SCHOOLS- ARI INOVASYON, Turkey <i>"ID257 ALKI: AI-Powered Learning for Future-Ready Environmental Crisis Solutions"</i></p>	
PLENARY SESSION 10:15-11:00	<p>Chairperson: Zuhal Yilmaz Dogan</p> <p style="text-align: center;">Mahuya Kanjial University of Wolverhampton, UK <i>"ID257 Co-Producing Knowledge: Enhancing Social Science Education Through Participatory Community Projects"</i></p>	
11:00-11:30	COFFEE BREAK	
PARALLEL SESSION 11:30-12:15	<p>Chairperson: Zuhal Yilmaz Dogan</p> <p style="text-align: center;">Hartini Binti Hashim SMK SULTAN ISMAIL, Malaysia <i>"ID216 ENHANCING STUDENTS' ENTREPRENEURIAL MINDS AND IMPROVING LANGUAGE ACQUISITION AMONG HIGH SCHOOL STUDENTS VIA SUSTAINABLE TECH WORKSHOP"</i></p>	
12:30-14:00	LUNCH	
PARALLEL SESSIONS 14:00-15:30	<p style="text-align: center;">SCITEED EFLATUN</p> <p>Chairperson: Rosmah Binti Majid</p> <p>14:00-14:30 Rosmah Binti Majid SMK SULTAN ISMAIL, Malaysia <i>(Invited Speaker)</i> ID 263 ENHANCING STUDENT'S PROFICIENCY LEVEL USING COLLABORATION (Pen Pals / Role Plays/ Task Based Learning) AS INOVATION, TECHNOLOGY AND TRENDS IN ELT IN FORM 3 STUDENTS OF SMK SERI BAYU</p> <p>14:30-15:00 Eylem Kılıç Van Yüzüncü Yıl Üniversitesi, Turkey <i>(Invited Speaker)</i> ID 262 Living with Algorithms: Algorithmic Literacy and Education</p> <p>15:00-15:30 Zanele Ngcobo University of KwaZulu Natal, South Africa <i>(Invited Speaker)</i> ID 262 COLLABORATIVE PRACTICES IN PROFESSIONAL LEARNING COMMUNITIES: PERSPECTIVES FROM MIDDLE-GRADE MATHEMATICS TEACHERS IN A SEMI-RURAL DISTRICT IN SOUTH AFRICA</p>	<p style="text-align: center;">DIGIAI IBNI SINA</p> <p>Chairperson: Alfredo M. Ronchi</p> <p>14:00-14:30 Alfredo M. Ronchi Politecnico di Milano, Italy <i>(Invited speaker)</i> ID125 Citizens or codes? Back to humanism</p> <p>14:30-15:00 Alexandrina Mangau Independent Expert, Romania <i>(Invited Speaker)</i> ID 215 REPORTING AI TO ENVIRONMENTAL ISSUES</p> <p>15:00-15:30 Karina Bogatyreva Saint Petersburg State University, Russian Federation <i>(Invited Speaker)</i> ID101 The "Less-is-More" paradox of AI: How capability bundles drive SMEs' success in emerging market</p>
15:30-16:00	COFFEE BREAK	

PARALLEL SESSIONS 16:00-17:30	SCITEED EFLATUN	DIGIAI IBNI SINA
	Chairperson: Ana Vernia-Carrasco	Chairperson: Andrew Peck
	16:00-16:30 Ana Vernia-Carrasco University Jaume I, Spain <i>(Invited Speaker)</i> ID 215 MENTAL HEALTH IN FUTURE PRIMARY EDUCATION TEACHERS: MUSIC AS THE PERFECT ALLY	16:00-16:30 Andrew Peck Loughborough University, United Kingdom <i>(Invited speaker)</i> ID 87 Resilience in the AI-Shaped Future
	16:30-17:00 Kate-Riin Kont Estonian Academy of Security Sciences, Estonia <i>(Invited Speaker)</i> ID 294 The Role of Demographic Factors in Affecting Cybersecurity Behaviour in Higher Education: An Estonian Example	16:30-17:00 Boris Mirkin NRU Higher School of Economics, Russian Federation <i>(Invited speaker)</i> ID108 Extending Chi-square analysis of contingency tables to local associations
17:00-17:30 Horace Crogman California State University, USA <i>(Invited Speaker)</i> ID 300 Integrating VR and AI for Experiential, Culturally Responsive Learning	17:00-17:30 Zakaria Abdiwali Mohamed University of Kabridahar, Ethiopia ID111 Does AI marketing efforts affect brand loyalty of Gen Z consumers? Mediating role of brand image and brand experience	
17:30-18:00 MUHAMMAD FAHMI BIN ZAKARI SK Bayu Lalang PASIR MAS Malaysia, Malaysia <i>(Invited Speaker)</i> ID 232 Humanising Intelligence in Remedial Pedagogy through the P-A-C Communication Mode		

PROGRAM WEDNESDAY, APRIL 8, 2026 DIGIAI & SCITEED EFLATUN	
PLENARY SESSION 09:30-10:15	Chairperson: Ersin Kayahan <p style="text-align: center;"> Ahmed Mahmoud Deif California Polytechnic State University, United States "ID234 <i>The Use of Gamification and LEGO Serious Play in Teaching Industry 4.0 in Higher Education"</i> </p>
PARALLEL SESSIONS 10:15-11:00	Chairperson: Ersin Kayahan <p style="text-align: center;"> Andrew Peck Loughborough University, United Kingdom "ID86 <i>How many robots could you beat in a fight? Resisting the AI-enabled opponent"</i> </p>
11:00 - 11:30	COFFEE BREAK
13:15-18:00	SOCIAL PROGRAM 13:15-18:00 GHOST TOWN & BLUE LAGOON <i>(Gathering at Congress registration desk)</i>

PROGRAM <i>THURSDAY, APRIL 9, 2026</i>	
	<p>Leisure Time</p> <p>Liberty Hotels Lykia offers a premium leisure experience with extensive amenities and a stunning natural setting. The resort features a private beach, multiple swimming pools, an aquapark, diverse dining options, sports facilities, and a fully equipped spa and wellness centre. Combining comfort, entertainment, and relaxation, it provides an ideal atmosphere for guests seeking both tranquillity and active recreation throughout their stay.</p>
12:00	<i>HOTEL CHECK OUT</i>

<i>PROGRAM LEGEND DESCRIPTIONS</i>	
ID-	DIGIAI 2026 oral presentations
ID-	SCITEED 2026 oral presentations

POSTER PROGRAM
SUNDAY, APRIL 6, 2026
17:30-18:30

FOYER (Poster Session Area)

Chairperson: Ersin Kayahan

POSTER SESSION

DIGIAI & SCITEED

ID	TITLE	CONTACT AUTHOR
ID102	Reshaping operational management with AI: a systematic literature review	Jerome Lambert
ID109	From Tool Use to Pedagogical Integration: A Structured Generative AI Strategy for Developing Primary Science Teachers' AI-TPACK	Hazirah Zolkifli
ID112	Bridging the Digital Divide: Culturally Relevant AI Literacy for Indigenous People	Ahmad F. Bin Mat Zin
ID114	Beyond Gamification: Digital Badges as Structured Reflective Scaffolds in Teacher Professional Development	Nazeer Abdul Hamid
ID252	Innovative Pathways in STEM Teacher Preparation	Ryan Zonnefeld