THE *TEMPLATE* 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

TEMPLATE P R O G R A M *WEDNESDAY, APRIL 3, 2026*	
14:00-16:30	*REGISTRATION FOR EARLY ARRIVALS* *(14:00 Check-in)*
Everyday Tours	*SOCIAL PROGRAM* • *Saklıkent Jeep Safari* • *Paragliding in Oludeniz*

TEMPLATE P R O G R A M *WEDNESDAY, APRIL 4, 2026*	
9:00-16:30	*REGISTRATION* *(14:00 Check-in)*
13:15-18:00	*SOCIAL PROGRAM* *13:15-18:00 THE BOAT CRUISE AROUND EXCELLENT BAYS OF BLUE LAGOON & VISIT TO St. NICHOLAS ISLAND* *(Gathering at Congress registration desk)*

	TEMPLATE P R O G R A M **SUNDAY, APRIL 5, 2026**
	DIGIAI & SCITEED
	HALL 1
PLENARY SESSION *09:00-09:45*	Chairperson: **Ersin Kayahan** **David Banes** David Banes Access and Inclusion Services, UK "**ID248** *Implementing AI for inclusion of learners with disabilities : Opportunities and Challenges*"
PLENARY SESSION *09:45-10:30*	Chairperson: **Ersin Kayahan** **XXX** XX *"XXX"*
10:30- 11:00	*COFFEE BREAK*
WORKSHOP 11:00-12:30 **DIGI-RES 2026**	**DIGIAI** **HALL 1** **Chairperson:** Nataliya Venelinova **WORKS***H***OP: Digital Intelligence, Resilience and Sustainable Transformation in Smart Societies** *DIGITAL DISCRIMINATION AND DIGITAL DEVIDE CHALLENGES IN MODERN SOCIAL INTERACTIONS* **Presenter:** Nataliya Venelinova, University of Ruse "Angel Kanchev", Bulgaria *Application of geographic information systems in formation of effective urban transport infrastructure for sustainable development Challenges* **Presenter:** Dimitar Grozev, University of Ruse "Angel Kanchev", Bulgaria *THE LONG-TERM RESILIENCE OF GLOBALLY DEPENDENT CRITICAL ENTITIES GENERATES THE PROSPERITY OF MODERN SOCIETIES* **Presenter:** Kiril Stoychev, University of Ruse "Angel Kanchev", Bulgaria *Towards the psychology of the artificial intelligence and how it affects the general security of the people* **Presenter:** Rumyana Bratanova, University of Ruse "Angel Kanchev", Bulgaria *New business models enabling digital transformation in society* **Presenter:** Irina Vasileva Kostadinova, University of Ruse "Angel Kanchev", Bulgaria *Emotional and Social Intelligence of Generative AI Models* **Presenter:** Ana Todorova, University of Ruse "Angel Kanchev", Bulgaria *Synergistic Applications of 3D Technologies: for Cultural Heritage Digitization and Reverse Engineering in Manufacturing* **Presenter:** Diyana Dimitrova Kinaneva, University of Ruse "Angel Kanchev", Bulgaria *Synergistic Applications of 3D Technologies for Cultural Heritage Digitization and Reverse Engineering in Manufacturing* **Presenter:** Georgi Dimitrov Georgiev, University of Ruse "Angel Kanchev", Bulgaria
12:30- 14:00	*LUNCH*
WORKSHOP 14:00-16:30 **DIGI-RES 2026**	**DIGIAI** **HALL 1** **Chairperson:** Daniel Bratanov **WORKS***H***OP: Digital Intelligence, Resilience and Sustainable Transformation in Smart Societies** *Mechatronic Applications for First Responders to Enable Fast Rescue* **Presenter:** Daniel Bratanov, University of Ruse "Angel Kanchev", Bulgaria *AI-Driven Strategies for Carbon Footprint Reduction in Smart Grids and Industrial Energy Systems* **Presenter:** Tsvetelina Tsvetozarova Stefanova, University of Ruse "Angel Kanchev", Bulgaria *Modelling processes to improve environmental factors in indoor premises* **Presenter:** Snezhinka Lyubomirova Zaharieva, University of Ruse "Angel Kanchev", Bulgaria *Copper-Modified Titanium Implants: Functional Benefits, Manufacturing Strategies, and Biocompatibility Considerations* **Presenter:** Maria P. Nikolova, University of Ruse "Angel Kanchev", Bulgaria *Smart Economic Optimization of Transport and Logistics Processes* **Presenter:** Ivan Georgiev, University of Ruse "Angel Kanchev", Bulgaria *Mathematical Epidemic Modelling of COVID-19: A Case Study of Bulgaria* **Presenter:** Slavi Georgiev, University of Ruse "Angel Kanchev", Bulgaria

	Application of geographic information systems in formation of effective urban transport infrastructure for sustainable development **Presenter:** DZHEMAL EROL TOPCHU, University of Ruse "Angel Kanchev", Bulgaria

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TEMPLATE **P R O G R A M** ***MONDAY, APRIL 6, 2026***

DIGIAI & **SCITEED**

HALL 1

PLENARY SESSION *09:00-09:45*	Chairperson**: Ersin Kayahan** **Valorie Zonnefeld** Dordt University, United States "**ID248** *A Growth Mindset towards STEM Education: Strategies that Leverage Incremental Theories of Intelligence to Improve Achievement*"
PLENARY SESSION *09:45-10:30*	Chairperson**: Ersin Kayahan** **Mahuya Kanjial** University of Wolverhampton, UK "**ID257** *Co-Producing Knowledge: Enhancing Social Science Education Through Participatory Community Projects*"
10:30-11:00	***COFFEE BREAK***
PLENARY SESSION *11:00-11:45*	Chairperson**: Ersin Kayahan** **Elena Kardanova** HSE University, Russian Federation "**ID228** *A NEW APPROACH TO AI-GENERATION OF MATH TEST ITEMS WITH CONTROL OF ITEM DIFFICULTY*"
PLENARY SESSION *11:45-12:30*	Chairperson**: Ersin Kayahan** **xxx** xxxx "**Ixx** *xxxxx*"
12:30-14:00	***LUNCH***

PARALLEL SESSIONS 14:00-15:30	**SCITEED** **HALL 1** **Chairperson:** Vesna Rastija 14:00-14:30 **Vesna Rastija** University of Osijek, Croatia **(Invited speaker)** **ID271** Incorporating environmental concerns into chemistry classes for undergraduate students of agronomy 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 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	**DIGIAI** **HALL 2** **Chairperson:** Nurul Ashikin Izhar 14:00-14:30 **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 14:30-15:00 **Boris Mirkin** NRU Higher School of Economics, Russian Federation **(Invited speaker)** **ID108** Extending Chi-square analysis of contingency tables to local associations 15:00-15:30 **xxxx** **IDxx** XXXXX
15:30-16:00	**COFFEE BREAK**	
PARALLEL SESSIONS 16:00-17:30	**SCITEED** **HALL 1** **Chairperson:** Elena Kardanova **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 **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 **17:00-17:30** Mao Tze Bayotas Maritime Academy of Asia and the Pacific, Philippines (Invited Speaker) **ID281** GREEN SEAFARING INITIATIVE: CAPACITY BUILDING OF FILIPINO SEAFARERS IN A JUST TRANSITION TOWARDS A GREEN AND EFFICIENT MARITIME INDUSTRY	**DIGIAI** **HALL 1** **Chairperson:** xx **16:00-16:30** **xx** xx (Invited Speaker) **ID xx** xxx **16:30-17:00** **xx** xxx (Invited Speaker) **ID xx** xxx **17:00-17:30** **xxx** xxx (Invited Speaker) **ID** **xx** xxx
POSTER SESSION 17:30-18:30	**FOYER (Poster Session Area)** **Chairperson:** Ersin Kayahan *POSTER SESSION* **DIGIAI** & **SCITEED**	
19:30-21:30	*SPECIAL DINNER WITH* SEMIMATER & SCITEED & DIGIAI *SOCIETY PLENARY - INVITED SPEAKERS* *(Authentic Turkish Cuisine)*	

<table>
<tr><td></td><td colspan="1" align="center">***TEMPLATE* P R O G R A M**
TUESDAY, APRIL 7, 2026</td></tr>
<tr><td></td><td align="center">**DIGIAI & SCITEED**</td></tr>
<tr>
<td>**PLENARY SESSION**
09:00-09:45</td>
<td>Chairperson: **Ersin Kayahan**

<div align="center">**Hartini Binti Hashim**
SMK SULTAN ISMAIL, Malaysia
"ID216 *ENHANCING STUDENTS' ENTREPRENEURIAL MINDS AND IMPROVING LANGUAGE ACQUISITION AMONG HIGH SCHOOL STUDENTS VIA SUSTAINABLE TECH WORKSHOP*"</div></td>
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<td>**PLENARY SESSION**
09:45-10:30</td>
<td>Chairperson: **Ersin Kayahan**

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<td>*10:30-11:00*</td>
<td>***COFFEE BREAK***</td>
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<td>**PLENARY SESSION**
11:00-11:45</td>
<td>Chairperson: **Ersin Kayahan**

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11:45-12:30</td>
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<td>*12:30-14:00*</td>
<td>***LUNCH***</td>
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<td>**WORKSHOP** 14:00-15:30
DIGI-MTVS 2026</td>
<td><div align="center">**DIGIAI**
HALL 1</div>
Chairperson: Neli Georgieva

WORKS*H*OP: Metaverse for Collaborative and Immersive Learning in Higher Education
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
ID89 *Application of Virtual Reality in Teaching Computer-Aided Manufacturing (CAM) to Engineering Students*
Presenter: Georgi Georgiev, Trakia University, Bulgaria
ID88 *Integrating XR into Engineering and Programming Education: Platforms and Adaptation Strategies*
Presenter: Veselina Nedeva, Trakia University, Bulgaria</td>
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<td>*15:30-16:00*</td>
<td>**COFFEE BREAK**</td>
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WORKSHOP 14:00-15:30 **DIGI-MTVS 2026**	**DIGIAI** **HALL 1** **Chairperson:** Veselina Nedeva **WORKS*H*OP:** **Metaverse for Collaborative and Immersive Learning in Higher Education** **ID95** *The Transformative and Challenging Role of AI in University Education* **Presenter:** Snezhana Dineva, Trakia University, Bulgaria **ID91** *Using a Virtual CAVE in Computer Networking Training* **Presenter:** Apostol Todorov, Trakia University, Bulgaria **ID89** *Application of Virtual Reality in Teaching Computer-Aided Manufacturing (CAM) to Engineering Students* **Presenter:** Nely Georgieva, Trakia University, Bulgaria **ID90** *Investigation of the Possibilities for Using Immersive Technologies in the Study of Thermal-Energy Processes* **Presenter:** Andrian Minchev, Trakia University, Bulgaria **ID97** *Using Gemini & NotebookLM for AI-Driven Collaborative Learning in Higher Education* **Presenter:** Andrian Minchev, Trakia University, Bulgaria

PARALLEL SESSIONS 16:00-17:30	**SCITEED** **HALL 1** **Chairperson:** Rosmah Binti Majid **16:00-16:30** **Rosmah Binti Majid** SMK SULTAN ISMAIL, Malaysia (Invited Speaker) **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 **16:30-17:00** **Eylem Kılıç** Van Yüzüncü Yıl Üniversitesi, Turkey (Invited Speaker) **ID 262** Living with Algorithms: Algorithmic Literacy and Education **17:00-17:30** **Zanele Ngcobo** University of KwaZulu Natal, South Africa (Invited Speaker) **ID 262** COLLABORATIVE PRACTICES IN PROFESSIONAL LEARNING COMMUNITIES: PERSPECTIVES FROM MIDDLE-GRADE MATHEMATICS TEACHERS IN A SEMI-RURAL DISTRICT IN SOUTH AFRICA	**DIGIAI** & **SCITEED** **HALL 2** **Chairperson:** Ana Vernia-Carrasco **16:00-16:30** **Ana Vernia-Carrasco** University Jaume I, Spain (Invited Speaker) **ID 215** MENTAL HEALTH IN FUTURE PRIMARY EDUCATION TEACHERS: MUSIC AS THE PERFECT ALLY **16:30-17:00** **Alexandrina Mangau** Independent Expert, Romania (Invited Speaker) **ID 215** REPORTING AI TO ENVIRONMENTAL ISSUES **17:00-17:30** **Karina Bogatyreva** Saint Petersburg State University, Russian Federation (Invited Speaker) **ID101** The "Less-is-More" paradox of AI: How capability bundles drive SMEs' success in emerging market

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***TEMPLATE* P R O G R A M**

WEDNESDAY, APRIL 8, 2026

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PLENARY SESSION *09:00-09:45*	Chairperson: **Ersin Kayahan** **Ahmed Mahmoud Deif** California Polytechnic State University, United States "**ID234** *The Use of Gamification and LEGO Serious Play in Teaching Industry 4.0 in Higher Education*"
PLENARY SESSION *09:45-10:30*	Chairperson: **Ersin Kayahan** **Hassan O. Kaya** University of KwaZulu-Natal, South Africa "**ID113** *Beyond the Frontier: Driving Global Resilience through Youth-Led Digital and Indigenous Innovation*"
10:30 - 11:00	***COFFEE BREAK***

WORKSHOP 11:00-11:45 **DIGI-DIGI 2026**	**DIGIAI** **HALL 1** **Chairperson:** Hassan Kaya **WORKSHOP: ID123 DIGITALIZING INDIGENOUS STI: YOUTH-LED INCLUSIVE AND SUSTAINABLE FUTURES IN SOUTH AFRICA AND TURKEY** *The Transformative and Challenging Role of AI in University Education* **Presenters:** Mayashree Chinsamy and Sisanda Gqoboka, University of KwaZulu-Natal, South Africa
13:15-18:00	*SOCIAL PROGRAM* *13:15-18:00* ***GHOST TOWN & BLUE LAGOON*** *(Gathering at Congress registration desk)*

	TEMPLATE **P R O G R A M** ***THURSDAY, APRIL 9, 2026***
	Leisure Time **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.**
12:00	*HOTEL CHECK OUT*

PROGRAM LEGEND DESCRIPTIONS	
ID-	DIGIAI 2026 oral presentations
ID-	SCITEED 2026 oral presentations

TEMPLATE 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
XXX	XX	X