SCITEED 2024
2nd INTERNATIONAL CONGRESS & EXHIBITION ON CURRENT TRENDS ON SCIENCE TECHNOLOGY EDUCATION

PROGRAM TIMETABLE

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2nd INTERNATIONAL CONGRESS & EXHIBITION ON CURRENT TRENDS ON SCIENCE TECHNOLOGY EDUCATION

APRIL 21-24, 2024

Liberty Hotels Lykia, Oludeniz
MUGLA / TURKEY

P R O G R A M FRIDAY, APRIL 19, 2024	
14:00-16:30	*REGISTRATION FOR EARLY ARRIVALS* *(14:00 Check-in)*

P R O G R A M SATURDAY, APRIL 20, 2024	
9:00-16:30	*REGISTRATION* *(14:00 Check-in)*
Everyday Tours	**SOCIAL PROGRAM** • *Saklıkent Jeep Safari* • *Paragliding in Oludeniz*

P R O G R A M SUNDAY, APRIL 21, 2024	
SCITEED	
YUNUS EMRE 2	
PARALLEL SESSIONS *09:30-10:30*	Chairperson**: Gabriel Gorghiu** 09:30-10:00 **Gabriel Gorghiu** Valahia University of Targoviste, Romania (Co-chair) **ID155**-Engaging in Science Action Activities through Open Schooling - Teachers' Perceptions Related to Raising the Students' Interest in Science 10:00-10:30 **Javier Rojas** Rabdan Academy, UAE (invited speaker)

	ID26- The Implementation of Contentious Educational Policies: Lessons from Mexico	
10:30-11:00	***COFFEE BREAK***	

	YUNUS EMRE 2	**İBNİ SİNA**
PARALLEL SESSIONS *11:00-12:30*	Chairperson**: Sabra Brock** 11:00-11:30 **Sabra Brock** Touro University, USA (invited speaker) **ID97-** How "Real" is Virtual Reality as a Learning Tool? 11:30-12:00 **Sumeyye Ocal Dorterler** Dumlupinar University, Turkiye (invited speaker) **ID116-** Examining the Effects of Early STEM Educational Program on The Scientific Process Skills of Preschool Children Between 60-66 Months 12:00-12:30 **Mao Tze Bayotas** Maritime Academy of Asia and the Pacific, Philippines (invited speaker) **ID121-**Current Innovations in the Maritime Higher Education Curriculum Development	Chairperson: **Michael Tausch** 11:00-11:30 **Puneet Kumar Agarwal** All India Institute of Medical Sciences Bhopal (AIIMS), India (invited speaker) ID144- A combined E learning approach to teach undergraduate surgery students 11:30-12:00 **Michael Tausch** Bergische Universität Wuppertal, Germany (invited speaker) **ID1-** Towards Artificial Photosynthesis Promoting Photochemistry in Science Education 12:00-12:30 **Sarah Moh. Allabun** Princess Nourah bint Abdulrahman University, Riyadh, Saudi Arabia (invited speaker) **ID109-**The Understanding of Medical Informatics among Dental and Medical Students

12:30-14:00	***LUNCH***	

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	YUNUS EMRE 2	**İBNİ SİNA**
PARALLEL SESSIONS *14:00-16:30*	**Chairperson: Astrid Zekić** 14:00-14:30 **Astrid Zekić** University of Zadar, Croatia (invited speaker) **ID38-** SELF-ASSESSMENT OF THE STUDENTS' UNDERSTANDING OF THE COLREGs 14:30-15:00 **Nur Choiro Siregar** Tangerang Muhammadiyah University, Indonesia (invited speaker) **ID6-** Mind the Gap: Analyzing Gender Disparities in STEM Interest Among Female Students and Strategies for Bridging the Divide 15:00-15:30 **Zerrin Mercan** Bartin University, Turkiye (invited speaker) **ID79-** Designing an Outdoor STEAM Makerspace in a Preschool School Garden: Reflection from Preservice Teachers 15:30-16:00 **Kirpa Chandan** University of Central Lancashire, UK (invited speaker) **ID154-** Reflection on the Suitability of Blended Learning as a Method of Delivery for Competency-Based Programmes involving Work-Based Learning 16:00-16:30	**Chairperson: Justine Maclean** 14:00-14:30 **Justine Maclean** The University of Edinburgh, UK (invited speaker) **ID43-** Universities as ecosystems: flourishing and thriving not just coping and surviving. 14:30-15:00 **Sofia Veiga** Higher School of Education of the Polytechnic Institute of Porto, Rotugal (invited speaker) **ID148-** Profiles and Practices of Higher Education Teachers: Changes and challenges in recent decades 15:00-15:30 **Dino Zupanovic** University of Zadar, Croatia (invited speaker) **ID23-** Blockchain Technology as Trusted Certification Platform in Maritime Education – Challenges and Opportunities 15:30-16:00 **Teresa A. Oliveira** CEAUL and Universidade Aberta, Portugal (invited speaker) **ID167-** Statistic, Generative Artificial Intelligence and e-Learning systems: Facing Data new challenges and Risks 16:00-16:30

	Mariaconcetta Canino CNR-IMM Bologna, Italy (invited speaker) **ID134**- Empowering the Next Generation: Cross-disciplinary Learning Pathways in Electronics and Sustainability for High School Students	Isabel John THWS - Technical University of Applied Sciences Würzburg Schweinfurt, Germany (invited speaker) **ID45**- Motivating Learning with Gamification
19:30-21:30	***DINNER WITH INVITED SPEAKERS***	

P R O G R A M
MONDAY, APRIL 22, 2024
SCITEED

		YUNUS EMRE 2	İBNİ SİNA	HİPOKRAT
PARALLEL SESSIONS	*10:00-12:30*	Chairperson: **Angela Carbone** 10:00-10:30 **Angela Carbone** RMIT Universityi Australia (invited speaker) **ID83**- Generative AI's Impact on Academic Integrity and Digital Fluency in Higher Education 10:30-11:00 **Ana Gundić** University of Zadar, Croatia (invited speaker) **ID25**- The Impact of Technological Development on the Seafarers' Education 11:00-11:20 **Fawzia Bibi NAROD** Mauritius Institute of Education, Mauritius **ID33**- Exploring the impacts of STEM Undergraduate Research Experiences on students in the Global South context 11:20-11:50 **Natalia Zhadko** Moscow City Pedagogical University, Russian Federation (invited speaker) **ID80**- Formation of research competencies students of pedagogical master's degree 11:50-12:20 **Svetlana Karkina** Kazan Federal University, Russian Federation (invited speaker) **ID141**-Development of students' music teaching professional competency by using SPOC based on signature pedagogy	Chairperson: **Rafid Al-Khannak** 10:00-10:30 **Rafid Al-Khannak** Buckinghamshire New University – BNU, UK (invited speaker) **ID152**- From E-learning to Smart Education Systems impacted by the utilization of artificial intelligence in higher education 10:30-11:00 **Yasemin Kırkgöz** Çukurova University, Turkiye (invited speaker) **ID63**- Enhancing Quality in a Multilingual Online LSP Teacher Education Course 11:00-11:30 **Rimma Kumysheva** Kabardino-Balkarian State University, Russian Federation (invited speaker) **ID108**- Teaching students in the context of human interaction with the world (contextual learning experience) 11:30-12:00 **Amilcar Oliveira** CEAUL and Universidade Aberta, Portugal (invited speaker) **ID168**-Learning Analytics and Artificial Intelligence in E-learning Environments 12:00-12:30 **Keith Maycock** National College of Ireland, Ireland (invited speaker) **ID151**- Addressing the Challenges of Research Conduct: Introducing NETSEARCH, an Innovative Platform for Enhanced Learner Engagement and Plagiarism Prevention in the Era of Generative AI	Chairperson: **Loredana Patrascoiu** 10:00-10:30 **Loredana Patrascoiu** (invited speaker) University of Bucharest, Romania **ID125**-The challenges of curriculum adaptation in the context of the School for All 10:30-11:00 **Abueng Rachel Molotsi** UNISA, South Africa (invited speaker) **ID64**- Exploring lecturers' challenges and acceptance of the use of Moodle learning management system functionalities 11:00-11:30 **Ekaterina Kostina** Novosibirsk State Pedagogical University, Russian Federation (invited speaker) **ID60**- ACADEMIC MOBILITY PROCESS AS A SYSTEM AT THE LANGUAGE FACULTY OF THE PEDAGOGICAL UNIVERSITY 11:30-12:00 **Herlina Usman** Jakarta State University, Indonesia (invited speaker) **ID67**- DEVELOPMENT OF DIGITAL STORYTELLING COMIC MEDIA IN LEARNING SCIENCE IN ELEMENTARY SCHOOL IN INDONESIA 12:00-12:30 **Svetlana Chuprina** Perm State University, Russian Federation (invited speaker) **ID165**- Using Ontology Based Methodological Approach to Improve Conceptual Understanding
12:30-13:15		***LUNCH***		

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)

P R O G R A M
TUESDAY, APRIL 23, 2024

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	YUNUS EMRE 2	İBNİ SİNA
PARALLEL SESSIONS *09:30-10:30*	Chairperson**: Joan Navarro** 09:30-10:00 **Joan Navarro** Universitat Ramon Llull – La Salle Campus Barcelona, Spain (invited speaker) **ID159-** MEASURING THE INTRUSIVENESS OF AUTOMATICALLY GAUGING STUDENTS' ENGAGEMENT IN SYNCHRONOUS VIRTUAL LEARNING ENVIRONMENTS 10:00-10:30 **Josef Slowík** University Of West Bohemia in Pilsen, Czech Republic (invited speaker) **ID29-** Challenges in inclusive education of pupils with special educational needs	Chairperson: **Desiree Cranfield** 09.30-10:00 **Desiree Cranfield** University of Swansea, UK (invited speaker) **ID161-** Cocreating Ethical AI in Higher Education: The Role of Knowledge Cafés 10:00-10:30 **Godson Tetteh** GIMPA, Ghana (invited speaker) **ID4-** Quality Science - Technology Education: Integrating the Voices of Stakeholders
10:30-11:00	*COFFEE BREAK*	

YUNUS EMRE 2

PARALLEL SESSIONS *11:00-12:30*	Chairperson**: Michael Draper** 11:00-11:30 **Michael Draper** Swansea University, UK (invited speaker) **ID71-** The impact of Generative Artificial Intelligence on Academic Integrity and Education Policy 11:30-12:00 **Kamil Malinka** Brno University of Technology, Czech Republic (invited speaker) **ID28-** ChatGPT in education - year after. Have the catastrophic scenarios come true? 12:00-12:30 **Giovanna Avellis** ICoRSA International Consortium Research Staff Association, Italy (invited speaker) **ID89-** GENDER INCLUSIVE CHATBOT FOR STEM EDUCATION
12:30-14:00	*LUNCH*

YUNUS EMRE 2

PARALLEL SESSIONS 14:00-15:30	Chairperson: **Rhea Kimpo** 14:00-14:30 **Rhea Kimpo** Samuel Merritt University, USA (invited speaker) **ID112-** Application of Universal Design for Learning in an Assessment Format 14:30-15:00 **Zdenka Gadušová** Constantine the Philosopher University in Nitra, Slovakia (invited speaker) **ID111-** ROLE OF INTERVENTION IN FOREIGN LANGUAGE TEXT READING COMPREHENSION 15:00-15:30 **Hanna Haydar** Brooklyn College- City University of New York, USA (invited speaker) **ID21-** Fostering Safe Learning Spaces in Teacher Education: Empowering Mathematics Teachers in Integrating Technology and Computational Thinking
15:30-16:00	***COFFEE BREAK***
	YUNUS EMRE 2
PARALLEL SESSIONS 16:00-17:30	Chairperson: **Feng-Kuang Chiang** 16:00-16:30 **Feng-Kuang Chiang** Shanghai Jiao Tong University, China (invited speaker) ID142-Enhancing K-12 Education Through Integrated STEM in China 16:30-17:00 **Premnadh Madhava Kurup** La Trobe University, Melbourne, Australia (invited speaker) **ID103-** Co-creating Interdisciplinary Integrated Powerful Knowledge for Informed Decisions and Changes in Practices 17:00-17:30 **Irina Vasilyeva** "Russian National Research Medical Universiy" of the Ministry of Health of the Russian Federation, Russian Federation (invited speaker) **ID40-** Education of senior medical university students in various groups
17:30-18:30	**FOYER (Poster Session Area)** Chairperson: A. Yavuz Oral ***POSTER SESSION*** ***SCITEED***

P R O G R A M ***WEDNESDAY, APRIL 24, 2024***
SCITEED
YUNUS EMRE 2

PARALLEL SESSIONS *09:30-11:50*

Chairperson: **Maria del Pilar Zeledon Ruiz**

09:30-10:00
Maria del Pilar Zeledon Ruiz
University of Costa Rica, Costa Rica
(invited speaker)
ID51- AGILE INNOVATION METHODOLOGIES APPLIED TO TEACHING AND RESEARCH. THE EXPERIENCE IN SILICON VALLEY AND COSTA RICA

10:00-10:30
Juho Mäkiö
University of Applied Sciences Emden / Leer, Germany
(invited speaker)
ID35- On Educating Critical Thinking

10:30-11:00
Nello Scarabottolo
Università di Milano, Italy
(invited speaker)
ID69- Is Online Assessment Reliable? The Experience forced by the Covid-19 Pandemic at the University of Milan

11:00-11:30
Teboho Pitso
Vaal University of Technology, South Africa
(invited speaker)
ID140- Telagogy: Learning in Society 5.0 and Beyond Domination

11:30-11:50
Emilia Evgenieva
Sofia University, Bulgaria
ID39- The Understanding of Literacy in the Context of Inclusive Learning and Education

PROGRAM LEGEND DESCRIPTIONS	
ID-	**SCITEED 2024 oral presentations**

POSTER PROGRAM

TUESDAY, APRIL 23, 2024

17:30-18:30

FOYER (Poster Session Area)

Chairperson: A. Yavuz Oral

POSTER SESSION

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ID	TITLE	CONTACT AUTHOR
166	Promoting STEAM vocations for children: Explaining computer programming and AI basics through robotics	Ester Vidaña Vila
156	Joint Actions to Optimise The Employability Of Higher Education Graduates	Laura Monica Gorghiu
162	SIMULATION DESIGN: PEDESTRIAN SKILLS SAFETY TRAINING USING VIRTUAL REALITY	Hana Alarifi

NOTES

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