

The 11th International Conference on Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion

The 4th International Conference on Technology and Innovation in Learning, Teaching and Education

13 – 15 November 2024 | Khalifa University, Abu Dhabi, UAE

Detailed Conference Program



DSAI 2024

11th International Conference on Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion

<https://dsai.ws/2024/>

TECHEDU

TECH-EDU 2024

4th International Conference on Technology and Innovation in Learning, Teaching and Education

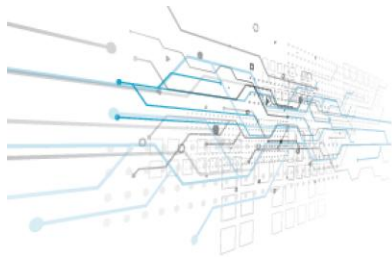
<https://tech-edu.ws/2024/>



**جامعة خليفة
Khalifa University**

13 – 15 November 2024

Khalifa University, Abu Dhabi, United Arab Emirates (UAE)



DSA I 2024 | TECH-EDU 2024 Program - Day 1, November 13, 2024

Time Zone: GST / GMT+4

Location: Khalifa University, Abu Dhabi, United Arab Emirates

Time	Main Auditorium	Lecture Hall 1	Lecture Hall 2	Multipurpose Hall	Khalifa Innovation Center (KIC)
8:30-19:00	Registration				
10:00-10:30	<u>Open Ceremony</u>				
10:30-11:30	<u>Opening Panel</u>				
11:30-12:00				Coffee Break	
12:00-13:00	<u>Keynote 1</u>				
13:00-14:30				Lunch Break	
14:30-14:50	<u>DSA I ST3</u>	<u>TECH-EDU ST7 A</u>	<u>DSA I MT1</u>		
14:50-15:10					
15:10-15:30					
15:30-15:50					
15:50-16:10					
16:10-16:30				Coffee Break	
16:30-16:50	<u>TECH-EDU ST1</u>	<u>DSA I ST2</u>	<u>TECH-EDU MT1</u>		<u>VR Learning Experience Workshop</u>
16:50-17:10					
17:10-17:30					
17:30-17:50					
17:50-18:10					
19:00					Welcome Reception

Keynote 1 – Breaking the limits – From “out of order” back to an (largely) independent life

DSA I MT1 – Main Track: E-health

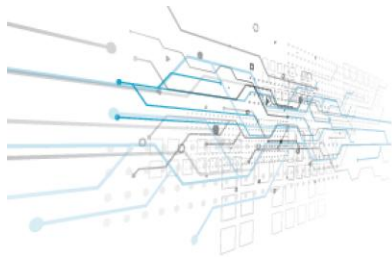
DSA I ST2 – Special Track: Human-Machine Collaboration and User-Centric Design

DSA I ST3 – Special Track: Learning Technologies In Special Education And Inclusion

TECH-EDU MT1 – Main Track: Technology Integration and Educational Policy

TECH-EDU ST1 – Special Track: Artificial Intelligence in Education

TECH-EDU ST7 A – Special Track: Emerging Technologies and Learning Environments



DSAI 2024 | TECH-EDU 2024 Program - Day 2, November 14, 2024

Time Zone: GST / GMT+4

Location: Khalifa University, Abu Dhabi, United Arab Emirates

Time	Main Auditorium	Lecture Hall 1	Lecture Hall 2	Multipurpose Hall
9:00-9:20	TECH-EDU ST7 B	TECH-EDU ST8	DSAI ST5	
9:20-9:40				
9:40-10:00				
10:00-10:20				
10:20-10:40				
10:40-11:00				Coffee Break
11:00-12:00	Keynote 2			
12:00-12:20	TECH-EDU MT2	DSAI MT2	TECH-EDU ST2	
12:20-12:40				
12:40-13:00				
13:00-14:30				Lunch Break
14:30-15:30	Keynote 3			
15:30	City Tour			
20:30	Gala Dinner			

Keynote 2 – Medical Education Technology: peculiarities and challenges in the age of AI

Keynote 3 – Technology and Innovation in Learning Analytics

DSAI MT 2 – Main Track: Universal Education

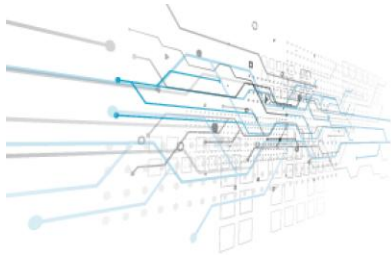
DSAI ST5 – Special Track: Advancing Gait Assessment Through Innovative Tools & Technologies: Current and Future Trends

TECH-EDU MT2 – Main Track: Electronic Assessment

TECH-EDU ST2 – Special Track: Instrumental Orchestration to integrate AI tools in SM&T education

TECH-EDU ST7 B – Special Track: Emerging Technologies and Learning Environments

TECH-EDU ST8 – Special Track: Mathematics, Sciences, and Technology: 21st-century teaching and learning



DSAI 2024 | TECH-EDU 2024 Program - Day 3, November 15, 2024

Time Zone: GST / GMT+4

Location: Khalifa University, Abu Dhabi, United Arab Emirates

Time	Main Auditorium	Lecture Hall 1	Lecture Hall 2	Multipurpose Hall
9:00-9:20	<u>TECH-EDU ST6 B</u>	<u>DSAI ST4 B</u>	<u>DSAI MT3</u>	
9:20-9:40				
9:40-10:00				
10:00-10:20				
10:20-10:40				
10:40-11:00				Coffee Break
11:00-11:20	<u>DSAI MT4</u>	<u>DSAI MT5</u>	<u>TECH-EDU MT3</u>	
11:20-11:40				
11:40-12:00				
12:00-12:20				
12:20-12:40				Lunch Break
12:40-14:00				
14:00-14:20	<u>DSAI ST4 A</u>	<u>TECH-EDU ST6 A</u>	<u>TECH-EDU ST 9</u>	
14:20-14:40				
14:40-15:00				
15:00-15:20				
15:20-15:50	Closing Ceremony			

DSAI MT3 – Main Track: Interfaces and Interaction

DSAI MT4 – Main Track: Software and Web Accessibility

DSAI MT5 – Main Track: Interfaces and Interaction, E-health, and Mobile Technologies

DSAI ST4 A – Special Track: Cognitive Personalization in Digital Tasks

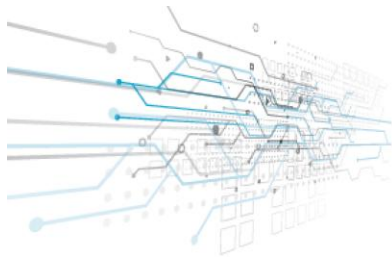
DSAI ST4 B – Special Track: Cognitive Personalization in Digital Tasks

TECH-EDU MT3 – Main Track: Digital Pedagogy and Emerging Technologies

TECH-EDU ST6 A – Special Track: Learning Today, Thriving Tomorrow: rethinking learning design in the digital era

TECH-EDU ST6 B – Special Track: Learning Today, Thriving Tomorrow: rethinking learning design in the digital era

TECH-EDU ST9 – Special Track: Tools and Datasets for Teaching and Researching in Artificial Intelligence and Data Science



Detailed Program

Open Ceremony

Main Auditorium, November 13, 2024 | 10:00-10:30 am

- **Prof. Bayan Sarif**, Provost, Professor, Dept. of Computer and Information Engineering, Khalifa University
- **Prof. Habiba Al Safar**, Dean of the College of Medicine and Health Sciences Medicine, Professor, Dept. of Biomedical Engineering & Biotechnology, Khalifa University-DSAI 2024 Co-Chair
- **Prof. Tasos Mikropoulos**, Department of Primary Education, University of Ioannina, Greece-TECHEDU 2024 Chair

Moderator: **Prof. Leontios Hadjileontiadis**, Professor and Chair of the Department of Biomedical Engineering & Biotechnology, Khalifa University-DSAI 2024 Chair

Opening Panel

Main Auditorium, November 13, 2024 | 10:30-11:30 am

Invited talks and discussion panel on the topic: **Innovative Technologies in Rehabilitation and Inclusive EdTech: Bridging Health and Education**

- **Technologies In Rehabilitation Medicine- Dr Kinda Khalaf**, Associate Dean for Undergraduate Studies, College of Medicine and Health Sciences Medicine, Associate Professor, Dept. of Biomedical Engineering & Biotechnology, Khalifa University
- **Empowering Learning: Leveraging EdTech for Inclusive and Engaging Classroom-Dr. Asli Hassan**, Director of the Center for Teaching and Learning, Assistant Professor, Department of English

Moderator: **Prof. Leontios Hadjileontiadis**, Professor and Chair of the Department of Biomedical Engineering & Biotechnology, Khalifa University-DSAI 2024 Chair

Keynote 1

Breaking the limits – From “out of order” back to an (largely) independent life

Main Auditorium, November 13, 2024 | 12:00-13:00

Speaker: **Prof. Franz Pühretmair** (KI-I Linz, Austria)

Chair: Hugo Paredes (University of Trás-os-Montes and Alto Douro, Portugal)

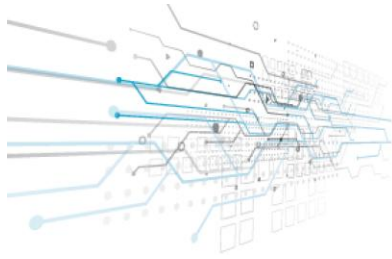
Keynote 2

Medical Education Technology: peculiarities and challenges in the age of AI

Main Auditorium, November 14, 2024 | 11:00-12:00 am

Speaker: **Prof. Panagiotis Bamidis** (Aristotle University of Thessaloniki, Greece)

Chair: Leontios Hadjileontiadis (Khalifa University, UAE)



Keynote 3

Technology and Innovation in Learning Analytics

Main Auditorium, November 14, 2024 | 14:30-15:30

Speaker: **Prof. Elvira Popescu** (University of Craiova, Romania)

Chair: Anastasios Mikropoulos (University of Ioannina, Greece)

VR Learning Experience Workshop

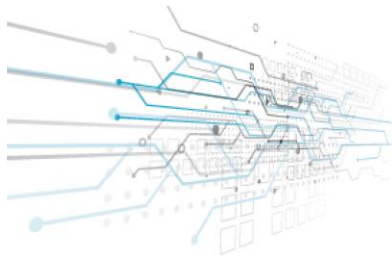
Khalifa Innovation Center (KIC), November 13, 2024 | 16:30-17:30

Over the last 60 years, teaching in business schools has been mainly based on the written case study method. INSEAD is transforming the learning experience with Virtual Reality (VR) technology. VR experiences offer an immersive way to navigate real-life managerial challenges, engaging participants with realistic scenarios. INSEAD XR is leading this transformation in management education, providing a comprehensive, scalable, easy-to-use, and cost-effective solution featuring the world's largest library for management education with 25+ VR experiences. This session will showcase INSEAD XR and several demos of our VR experiences.

More information at: <https://xr.insead.edu>

Speaker: **Dr Florian Schloderer**, Director of Digital Innovation and Lecturer INSEAD

[Up to 50 participants upon free onsite registration]



DSAI MT1 – Main Track: E-health

Lecture Hall 2, November 13, 2024 | 14:30-16:10

Chair: Tânia Rocha (University of Trás-os-Montes and Alto Douro, Portugal)

ID71 - Development of a Cognitive Training Game with Wearable Tremor monitoring Device for Parkinson's Disease Patients

Meera Al Makhmari (Khalifa University, UAE), Ahmed Al Mazmi (Khalifa University, UAE), Shaikha Al Hosani (Khalifa University, UAE), Eman Alefishat (Khalifa University, UAE), Bhour Basalma (Khalifa University, UAE), Herbert Jelinek (Khalifa University, UAE)

ID37 - Developing Sensorimotor Art Games for Psoriatic Arthritis using Agile Storyboarding and Game Co-Design Processes

Bárbara Ramalho (University of Lisbon, Portugal), Marta Vicente (University of Lisbon, Portugal), Hugo Escobar (University of Lisbon, Portugal), Sandra Gama (University of Lisbon, Portugal), José Diniz (University of Lisbon, Portugal), Vasilis Charisis (Aristotle University of Thessaloniki, Greece), Leontios Hadjileontiadis (Khalifa University, UAE), Sofia Dias (University of Lisbon, Portugal)

ID47 - Approaches and technologies for assessing motorcycle comfort: a health-related analyses

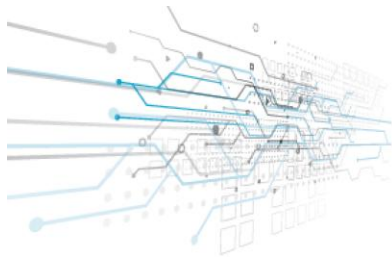
Andreia Teixeira (University of Trás-os-Montes and Alto Douro, Portugal), Libânia Mendes (University of Trás-os-Montes and Alto Douro, Portugal), Rute Carvalho (University of Trás-os-Montes and Alto Douro, Portugal), Miguel Oliveira (A.J.P. Motos S.A., Portugal), Vítor Rodrigues (University of Trás-os-Montes and Alto Douro, Portugal), Isabel Barroso (University of Trás-os-Montes and Alto Douro, Portugal), Jaime Sampaio (University of Trás-os-Montes and Alto Douro, Portugal)

ID42 - Leveraging Drools Workbench for Effective Clinical Decision Support System Design

Chao Tong (University of Birmingham, UK), Omid Pournik (University of Birmingham, UK), Theodoros N. Arvanitis (University of Birmingham, UK), Gokhan Yilmaz (SRDC Corporation, Turkey), Jessica Garcia (NTT data, Spain), Araitz Arana (NTT data, Spain)

ID46 - Bowls Meditation Improves Stress and Anxiety: Complexity analysis of heart rate signals during Tibetan Singing Bowls meditation

Sara Nasrat (Khalifa University, UAE), Zakia Dimassi (Khalifa University, UAE), Eman Alefishat (Khalifa University, UAE), Ahsan Khandoker (Khalifa University, UAE), Paolo Grigolini (University of North Texas, USA), Herbert Jelinek (Khalifa University, UAE)



DSAI MT2 – Main Track: Universal Education

Lecture Hall 1, November 14, 2024 | 12:00-13:00

Chair: Gonçalo Cruz (University of Trás-os-Montes and Alto Douro, Portugal)

ID88 - 3D modelling to address pandemic challenges: a project-based learning methodology

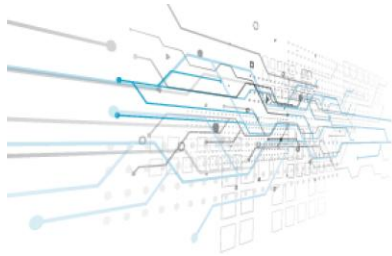
Tânia Rocha (University of Trás-os-Montes and Alto Douro, Portugal), Ana Ribeiro (University of Trás-os-Montes and Alto Douro, Portugal), Joana Oliveira (University of Trás-os-Montes and Alto Douro, Portugal), Ricardo Nunes (University of Trás-os-Montes and Alto Douro, Portugal), Diana Carvalho (University of Trás-os-Montes and Alto Douro, Portugal), Hugo Paredes (University of Trás-os-Montes and Alto Douro, Portugal), Paulo Martins (University of Trás-os-Montes and Alto Douro, Portugal)

ID82 - Enhancing the adoption of mobile health technologies by persons with mild dementia and their care network through an innovative training program: Experiences and lessons learnt from the Erasmus+ mHealth-AD project

Maria Karagianni (Aristotle University of Thessaloniki, Greece), Antonios Billis (Aristotle University of Thessaloniki, Greece), Evangelos Stamkopoulos (Aristotle University of Thessaloniki, Greece), Iraklis Tsoupouroglou (Aristotle University of Thessaloniki, Greece), Styliani Tsormpatzoudi (Aristotle University of Thessaloniki, Greece), Evdokimos Konstantinidis (Aristotle University of Thessaloniki, Greece), Panagiotis Bamidis (Aristotle University of Thessaloniki, Greece)

ID85 - 3D Printing to Address Pandemic Challenges: A Project-Based Learning Methodology

Diana Carvalho (University of Trás-os-Montes and Alto Douro, Portugal), Tânia Rocha (University of Trás-os-Montes and Alto Douro, Portugal), Joana Oliveira (University of Trás-os-Montes and Alto Douro, Portugal), Hugo Paredes (University of Trás-os-Montes and Alto Douro, Portugal), Paulo Martins (University of Trás-os-Montes and Alto Douro, Portugal)



DSAI MT3 – Main Track: Interfaces and Interaction

Lecture Hall 2, November 15, 2024 | 9:00-10:40 am

Chair: Vitor Santos (NOVA IMS, Portugal)

ID54 - Voices That Matter: An Exploratory Study on Technology Preferences and Challenges Among People with Intellectual Disabilities

Shana Dedò (Università della Svizzera italiana, Switzerland), Andrea Esposito (Università della Svizzera italiana, Switzerland), Leandro Guedes (Università della Svizzera italiana, Switzerland), Monica Landoni (Università della Svizzera italiana, Switzerland)

ID70 - Digital Inclusion Uneven: Exploring Visually Challenged Users' Technology Choices

Sachin Tanwar (Indian Institute of Technology, India), P.V.M. Rao (Indian Institute of Technology, India), Esha Verma (National Institute of Fashion Technology, India)

ID48 - Handling the discomfort of posture in ergonomics motorcycle riding: An integrative review. Exploring the impact of ergonomics on driver posture

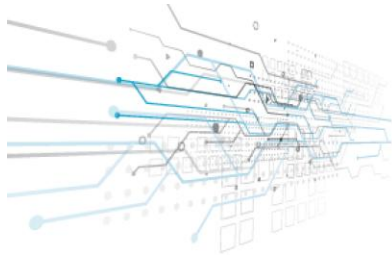
Libânia Mendes (University of Trás-os-Montes and Alto Douro, Portugal), Andreia Teixeira (University of Trás-os-Montes and Alto Douro, Portugal), Rute Carvalho (University of Trás-os-Montes and Alto Douro, Portugal), Miguel Oliveira (A.J.P. Motos S.A., Portugal), Vítor Rodrigues (University of Trás-os-Montes and Alto Douro, Portugal), Jaime Sampaio (University of Trás-os-Montes and Alto Douro, Portugal), Isabel Barroso (University of Trás-os-Montes and Alto Douro, Portugal)

ID63 - Social Robots in Museums: Enhancing Engagement and Accessibility for People with Intellectual Disabilities

Leandro Guedes (Università della Svizzera italiana, Switzerland), Alicia Mitchell (Queensland University of Technology, Australia), Laurianne Sitbon (Queensland University of Technology, Australia), Shana Dedò (Università della Svizzera italiana, Switzerland), Monica Landoni (Università della Svizzera italiana, Switzerland)

ID86 - Sensory Analysis Lab 3D Model: Modeling an Integrated Oenology Laboratory in Blender

Mehdi Lakeh (University of Trás-os-Montes and Alto Douro, Portugal), Alice Vilela (University of Trás-os-Montes and Alto Douro, Portugal), João Barroso (University of Trás-os-Montes and Alto Douro, Portugal), Tânia Rocha (University of Trás-os-Montes and Alto Douro, Portugal)



DSAI MT4 – Main Track: Software and Web Accessibility

Main Auditorium, November 15, 2024 | 11:00-12:40 am

Chair: Mireia Ribera (University of Barcelona, Spain)

ID56 - Evaluating AI-Generated Web Code for Accessibility Compliance: A Metric-Driven Approach

Iyad Abu Doush (Yarmouk University, Jordan), Reem Kassem (American University of Kuwait, Kuwait)

ID62 - Empowering the Deaf and Hard of Hearing Community: Enhancing Video Captions Using Large Language Models

Nadeen Fathallah (University of Stuttgart, Germany), Monika Bhole (University of Stuttgart, Germany), Steffen Staab (University of Stuttgart, Germany)

ID45 - Accessibility Adoption Plan in an Agile Environment. Case Study: Learning Management System

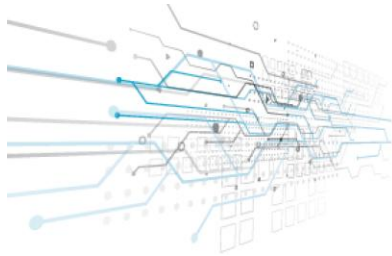
Marlady Ortiz (University of Barcelona, Spain), Mireia Ribera (University of Barcelona, Spain), Silvia Ladaga (University of Barcelona, Spain)

ID78 - Towards Inclusive Reading: A Neural Text Generation Framework for Dyslexia Accessibility

Elham Madjidi (Oklahoma State University, USA), Christopher Crick (Oklahoma State University, USA)

ID40 - Applications and Reliability of Automatic Facial Emotion Recognition Software: A Five-Year Review (2020-2024)

Rute Carvalho (University of Trás-os-Montes and Alto Douro, Portugal), Libânia Mendes (University of Trás-os-Montes and Alto Douro, Portugal), Andreia Teixeira (University of Trás-os-Montes and Alto Douro, Portugal), Miguel Oliveira (A.J.P. Motos S.A., Portugal), Jaime Sampaio (University of Trás-os-Montes and Alto Douro, Portugal), Bruno Travassos (University of Beira Interior, Portugal), Isabel Barroso (University of Trás-os-Montes and Alto Douro, Portugal), Vítor Rodrigues (University of Trás-os-Montes and Alto Douro, Portugal)



DSAI MT5 – Main Track: Interfaces and Interaction, E-health, and Mobile Technologies

Lecture Hall 1, November 15, 2024 | 11:00-12:40 am

Chair: Frode Sandnes (Oslo Metropolitan University, Norway)

ID33 - An agile co-creation approach for designing a comprehensive digital motor assessment test for Parkinson's Disease patients

Beatriz Alves (University of Lisbon, Portugal), Ghada Alhussein (Khalifa University, UAE), Filomena Carnine (University of Lisbon, Portugal), Nikos Grammalidis (CERTH-ITI, Greece), Kosmas Dimitropoulos (CERTH-ITI, Greece), Dhaval Trivedi (King's College Hospital, UK), Mónica Urra (Hospital Ruber Internacional, Spain), Stelios Hadjidimitriou (Aristotle University of Thessaloniki, Greece), Leontios Hadjileontiadis (Khalifa University, UAE), Sofia Dias (University of Lisbon, Portugal)

ID34 - From Ear-EEG to Ear-ExG: The Jaw Artifact is a Keeper

Ioanna Avramidou (Aristotle University of Thessaloniki, Greece), Peter Derleth (Sonova AG, Switzerland), Matthias Keller (Sonova AG, Switzerland), Milan Djilas (Sonova AG, Switzerland), Stefan Launer (Sonova AG, Switzerland), Leontios Hadjileontiadis (Khalifa University, UAE)

ID16 - Is LCH an Improvement over RGB? A Comparison of Color Picker Lookup Times, Accuracy, and User Ratings

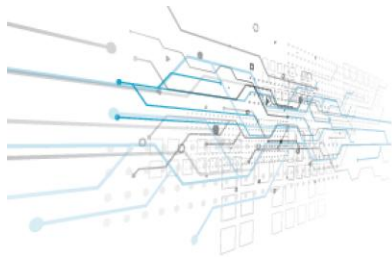
Nathaniel Bjerke-Kildal (Oslo Metropolitan University, Norway), Celina Botten (Oslo Metropolitan University, Norway), Sander Henriksen (Oslo Metropolitan University, Norway), Frode Sandnes (Oslo Metropolitan University, Norway)

ID53 - Searching for Neurophysiological Biomarkers Correlated with BCI Performance in a Completely Locked-In State Patient

Rute Bettencourt (University of Coimbra, Portugal), Urbano Nunes (University of Coimbra, Portugal), Miguel Castelo-Branco (University of Coimbra, Portugal), Gabriel Pires (University of Coimbra, Portugal)

ID55 - Advancing Accessible Interfaces: Evaluation of Design Patterns and Recommendations for Users with Intellectual Disabilities

Andrea Esposito (Università della Svizzera italiana, Switzerland), Shana Dedò (Università della Svizzera italiana, Switzerland), Leandro Guedes (Università della Svizzera italiana, Switzerland), Monica Landoni (Università della Svizzera italiana, Switzerland)



DSAI ST2 – Special Track: Human-Machine Collaboration and User-Centric Design

Lecture Hall 1, November 13, 2024 | 16:30-18:10

Chair: João Rodrigues (University of the Algarve, Portugal)

Co-Chair: Célia Ramos (University of the Algarve, Portugal)

ID32 - Engagement Monitorization in Crowded Environments: A Conceptual Framework

João Rodrigues (University of the Algarve, Portugal), Pedro Cardoso (University of the Algarve, Portugal), Marco Lemos (University of the Algarve, Portugal), Olena Cherniavska (ETH Zurich, Switzerland), Paulo Bica (SPIC, Portugal)

ID64 - Digital Twin to Modeling Data Center: An enabler for holistic approach

Marta Chinnici (ENEA, Italy), Davide Chiara (ENEA, Italy), Marco Antonini (Trakti Ltd., UK), Guido Guarnieri (ENEA, Italy), Giuseppe Santomauro (ENEA, Italy), Luigi Acampora (ENEA, Italy), Francesco Genovese (ENEA, Italy), Giovanni Ponti (ENEA, Italy), Luigi Telesca (Trakti Ltd., UK)

ID35 - Application of vision transformers in the early detection of excavation in the BRSET base

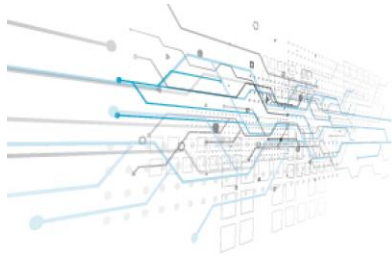
Joel Ferreira (University of Trás-os-Montes and Alto Douro, Portugal), Miguel Fernandes (University of Trás-os-Montes and Alto Douro, Portugal), Danilo Leite (University of Trás-os-Montes and Alto Douro, Portugal), Dibet Gonzalez (Sentinel-Concept, Portugal), José Camara (University of Trás-os-Montes and Alto Douro, Portugal), João Rodrigues (University of the Algarve, Portugal), António Cunha (University of Trás-os-Montes and Alto Douro, Portugal)

ID57 - Guest Intelligence Applications Acceptance Model: An approach with the UTAUT Model and PLS-SEM

Célia Ramos (University of the Algarve, Portugal), Rashed Ashqar (Al-Zaytoonah University of Science and Technology, Palestine)

ID74 - Marine Biodiversity for an Inclusive Society: Unifying Species Classification through Dataset Aggregation

Ricardo Veiga (University of the Algarve, Portugal), João Rodrigues (University of the Algarve, Portugal)



DSAI ST3 – Special Track: Learning Technologies In Special Education And Inclusion

Main Auditorium, November 13, 2024 | 14:30-16:10

Chair: Anastasios Mikropoulos (University of Ioannina, Greece)

ID24 - The role of integration of AI in Science Learning in Special Education Needs

Konstantina Kotsari (National and Kapodistrian University of Athens, Greece), Zacharoula Smyrniou (National and Kapodistrian University of Athens, Greece)

ID66 - Navigating STEAM Education and Inclusive Practices: A Needs Analysis of Primary Educators in Greece

Georgia Sakellaropoulou (Hellenic Open University, Greece), Natalia Spyropoulou (Hellenic Open University, Greece), Ioannis Agaliotis (University of Macedonia, Greece), Lefkothea Kartasidou (University of Macedonia, Greece), Achilles Kameas (Hellenic Open University, Greece)

ID59 - Comparison of Highcharts and BrailleR charts' accessibility with blind users

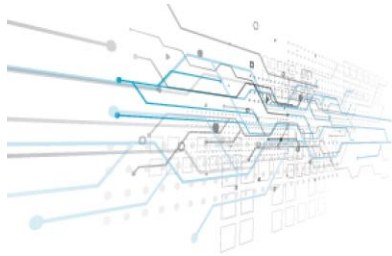
Clara Aguilar (University of Barcelona, Spain), Mireia Ribera (University of Barcelona, Spain), Rubén Martínez (University of Barcelona, Spain)

ID27 - Immersive AR Interventions to include Students with Intellectual Disabilities: Systematic Instruction or Inquiry Learning?

Georgia Iatraki (University of Ioannina, Greece), Anastasios Mikropoulos (University of Ioannina, Greece)

ID49 - The Effectiveness of Blended Learning in Enhancing Students' Listening Comprehension and Metacognitive Listening Skills in Oman

Fatema Al-Abdali (Universiti Teknologi Malaysia, Malaysia), Kew Si Na (Universiti Teknologi Malaysia, Malaysia)



DSAI ST4 A – Special Track: Cognitive Personalization in Digital Tasks

Main Auditorium, November 15, 2024 | 14:00-15:20

Chair: Hugo Paredes (University of Trás-os-Montes and Alto Douro, Portugal)

Co-Chair: André Netto (University of Trás-os-Montes and Alto Douro, Portugal)

ID77 - An Adaptive Virtual Piano for Music-Based Therapy: A Preliminary Assessment with Heuristic Evaluation

André Netto (University of Trás-os-Montes and Alto Douro, Portugal), Dennis Paulino (University of Trás-os-Montes and Alto Douro, Portugal), Malak Qbilat (INESC TEC, Portugal), Joana Raposo (University of Trás-os-Montes and Alto Douro, Portugal), Tânia Rocha (University of Trás-os-Montes and Alto Douro, Portugal), Hugo Paredes (University of Trás-os-Montes and Alto Douro, Portugal)

ID83 - E-government Mobile Web Accessibility Challenges facing People with Visual Impairments: A Multi-Method Evaluation

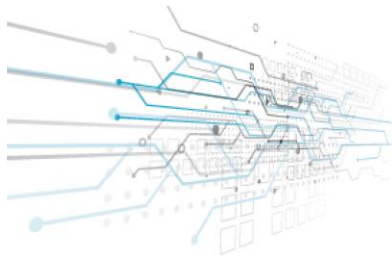
Hawraa Abdulrada (Kuwait University, Kuwait), Iyad Abu Doush (Yarmouk University, Jordan), Zainab AlMeraj (Kuwait University, Kuwait)

ID23 - Human-Computer Interaction: empowering adults with Autism and ADHD in higher education and employability

Joana Raposo (University of Trás-os-Montes and Alto Douro, Portugal), Dennis Paulino (University of Trás-os-Montes and Alto Douro, Portugal), Hugo Paredes (University of Trás-os-Montes and Alto Douro, Portugal)

ID50 - Do we know how to develop XR applications for ASD users?

Marc Bages (University of Barcelona, Spain), Mireia Ribera (University of Barcelona, Spain), Hugo Paredes (University of Trás-os-Montes and Alto Douro, Portugal)



DSAI ST4 B – Special Track: Cognitive Personalization in Digital Tasks

Lecture Hall 1, November 15, 2024 | 9:00-10:40 am

Chair: André Netto (University of Trás-os-Montes and Alto Douro, Portugal)

Co-Chair: Hugo Paredes (University of Trás-os-Montes and Alto Douro, Portugal)

ID73 - Analysis of users' digital phenotyping to infer and prevent mental health: a work in progress

André Netto (University of Trás-os-Montes and Alto Douro, Portugal), Dennis Paulino (University of Trás-os-Montes and Alto Douro, Portugal), Joana Raposo (University of Trás-os-Montes and Alto Douro, Portugal), Artur Rocha (INESC TEC, Portugal), Hugo Paredes (University of Trás-os-Montes and Alto Douro, Portugal)

ID84 - Crafting Inclusive Interfaces in HCI and HRI

Reshmy Krishnan (Muscat College, Oman)

ID76 - Leveraging WebTraceSense for User Interaction Log Analysis: A Case Study on a Visual Data Analysis Tool

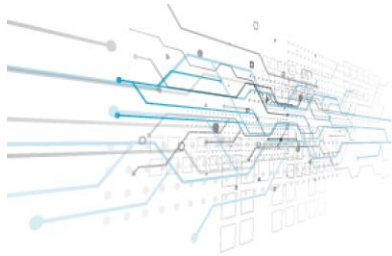
Dennis Paulino (University of Trás-os-Montes and Alto Douro, Portugal), André Netto (University of Trás-os-Montes and Alto Douro, Portugal), Bernardo Pinto (University of Porto, Portugal), Diogo Machado (University of Trás-os-Montes and Alto Douro, Portugal), Francisco Sousa (University of Porto, Portugal), Gonçalo Silva (University of Trás-os-Montes and Alto Douro, Portugal), José Marinho (Polytechnic Institute of Porto, Portugal), Marcelo Apolinário (University of Porto, Portugal), Ruben Magalhães (University of Trás-os-Montes and Alto Douro, Portugal), Aman Kumar (Ramgarh Engineering College, India), Luís Pereira (University of Trás-os-Montes and Alto Douro, Portugal), Artur Rocha (INESC TEC, Portugal), Hugo Paredes (University of Trás-os-Montes and Alto Douro, Portugal)

ID69 - Placebo Effect in Gameplay: Insights from Reddit Crowdsourcing Towards Intrinsic Behavior Understanding

Efstratia Ganiti-Roumeliotou (Khalifa University, UAE), Sofia Dias (University of Lisbon, Portugal), Kinda Khalaf (Khalifa University, UAE), Herbert Jelinek (Khalifa University, UAE), Leontios Hadjileontiadis (Khalifa University, UAE)

ID43 - BartleZ: A Gamified Approach to Overturn Traditional Bartle Player Type Attribution

Diogo Guimarães (University of Trás-os-Montes and Alto Douro, Portugal), António Correia (University of Jyväskylä, Finland), Dennis Paulino (University of Trás-os-Montes and Alto Douro, Portugal), Diogo Cabral (University of Trás-os-Montes and Alto Douro, Portugal), Luís Alves (University of Trás-os-Montes and Alto Douro, Portugal), Miguel Teixeira (University of Trás-os-Montes and Alto Douro, Portugal), Hugo Paredes (University of Trás-os-Montes and Alto Douro, Portugal)



DSAI ST5 – Special Track: Advancing Gait Assessment Through Innovative Tools & Technologies: Current and Future Trends

Lecture Hall 2, November 14, 2024 | 9:00-10:40 am

Chair: Kinda Khalaf (Khalifa University, UAE)

Co-Chairs: Marwan El-Rich (Khalifa University, UAE), Herbert Jelinek (Khalifa University, UAE), Aamna Alshehhi (Khalifa University, UAE), Rateb Katmah (Khalifa University, UAE)

ID38 - Assessing Gait Adaptation to Prehabilitation in ACL-Injured Patients Using Kinematic and Kinetic Analyses

Rateb Katmah (Khalifa University, UAE), Aamna Al Shehhi (Khalifa University, UAE), Doua Kosaji (Khalifa University, UAE), Anas A Albizreh (Khalifa University, UAE), Abdul Aziz Hulleck (Khalifa University, UAE), Kinda Khalaf (Khalifa University, UAE)

ID15 - Aktiv@Home: System for Monitoring the Activity of Older People at Home

Paulo Sousa (University of Aveiro, Portugal), Ana Rocha (University of Aveiro, Portugal), Gonçalo Aguiar (University of Aveiro, Portugal), António Teixeira (University of Aveiro, Portugal)

ID39 - Seq2Seq Deep Learning Models to Predict Ground Reaction Forces During Gait

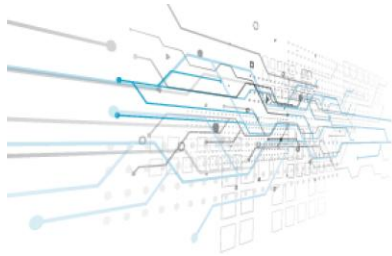
Abdul Aziz Hulleck (Khalifa University, UAE), Muhammad Abdullah (Khalifa University, UAE), Rateb Katmah (Khalifa University, UAE), Aamna Al Shehhi (Khalifa University, UAE), Kinda Khalaf (Khalifa University, UAE), Marwan El Rich (Khalifa University, UAE)

ID75 - Kitchen Assistant for Active Ageing at Home

Pedro Carneiro (University of Aveiro, Portugal), Inês Águia (University of Aveiro, Portugal), David Palricas (University of Aveiro, Portugal), Ana Rocha (University of Aveiro, Portugal), António Teixeira (University of Aveiro, Portugal), Nuno Almeida (University of Aveiro, Portugal)

ID67 - Evaluation of Humidity FBG Sensors for Diabetic Foot Monitoring

Doua Kosaji (Khalifa University, UAE), Mohammad I. Awad (Khalifa University, UAE), Kinda Khalaf (Khalifa University, UAE), Maria Domingues (Khalifa University, UAE)



TECH-EDU MT1 – Main Track: Technology Integration and Educational Policy

Lecture Hall 2, November 13, 2024 | 16:30-18:10

Chair: Paulo Martins (University of Trás-os-Montes and Alto Douro, Portugal)

ID7 - Educating Computer Science Students to Become Computer Science Teachers

Agoritsa Gogoulou (National and Kapodistrian University of Athens, Greece)

ID99 - Engineering Education with a Humanistic Outlook: Implementing Challenge-Based Learning and Digital Pedagogy

Héctor Barrios-Piña (Tecnologico de Monterrey, Mexico), Laura Yeomans (Tecnologico de Monterrey, Mexico), Romeo Ballinas (Tecnologico de Monterrey, Mexico)

ID47 - Tools supporting sustainable digital transformation in education

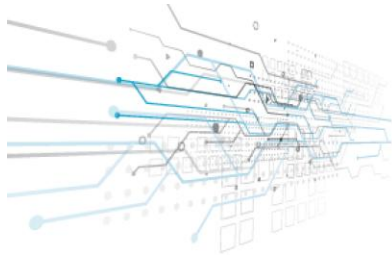
Altti Lagstedt (Haaga-Helia University of Applied Sciences, Finland), Raine Kauppinen (Seinäjoki University of Applied Sciences, Finland), Lais Leite (University of Eastern Finland, Finland)

ID148 - How Do Higher Education Teachers Feel About The Pedagogical Training Courses They Undergo? An Exploratory Sentiment Analysis

Gonçalo Cruz (University of Trás-os-Montes and Alto Douro, Portugal), Walkir Brito (University of Trás-os-Montes and Alto Douro, Portugal), Ranan Venancio (University of Trás-os-Montes and Alto Douro, Portugal), Tatiana Ferreira (University of Trás-os-Montes and Alto Douro, Portugal), Mariana Guerra (University of Trás-os-Montes and Alto Douro, Portugal), José Cravino (University of Trás-os-Montes and Alto Douro, Portugal)

ID85 - The Design of an Effective Flipped-Learning Professional Development Model

Kārlis Greitāns (University of Latvia, Latvia), Dace Namsone (University of Latvia, Latvia)



TECH-EDU MT2 – Main Track: Electronic Assessment

Main Auditorium, November 14, 2024 | 12:00-13:00

Chair: João Barroso (University of Trás-os-Montes and Alto Douro, Portugal)

ID94 - Assessment Methods in Civil Engineering Undergraduate Education: Evaluating Traditional and Electronic Approaches in South Africa and their Alignment with Assessment Principles

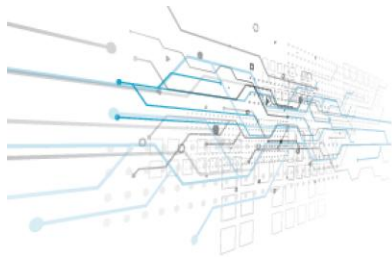
Katelyn Johnson (University of KwaZulu-Natal, South Africa)

ID96 - Enhancing Educational Innovation: Evaluating the Accuracy of AI-Generated Assessments for Engineering Course Reports

Karina Coronado-Apodaca (Tecnologico de Monterrey, Mexico), Héctor Barrios-Piña (Tecnologico de Monterrey, Mexico)

ID117 - Engagement Analytics as Indicators of Reflection in Teacher Education: Correlations with Students' Voice and Theory Perspectives

Georgia Natsiou (Aristotle University of Thessaloniki, Greece), Melpomeni Tsitouridou (Aristotle University of Thessaloniki, Greece)



TECH-EDU MT3 – Main Track: Digital Pedagogy and Emerging Technologies

Lecture Hall 2, November 15, 2024 | 11:00-12:40

Chair: George Koutromanos (National and Kapodistrian University of Athens, Greece)

ID61 - A Small-Scale Study on the Effectiveness of Gamified Blended Learning in Enhancing Students' Listening Motivation in Oman

Fatema Al-Abdali (Universiti Teknologi Malaysia, Malaysia), Kew Si Na (Universiti Teknologi Malaysia, Malaysia)

ID77 - Massive synchronous online multidisciplinary courses: A case study of the Elite courses

Victor Rayas-Carbajal (Tecnologico de Monterrey, Mexico), Ingrid Benavides-García (Tecnologico de Monterrey, Mexico), Rodolfo Mendoza-Gomez (Tecnologico de Monterrey, Mexico), Jose Ceciliano-Meza (Tecnologico de Monterrey, Mexico), Gerardo Galaviz-Jimenez (Tecnologico de Monterrey, Mexico)

ID84 - Driving Engagement in Learning: Exploring the Impact of an Augmented Reality Mobile Application for Astronomy Education

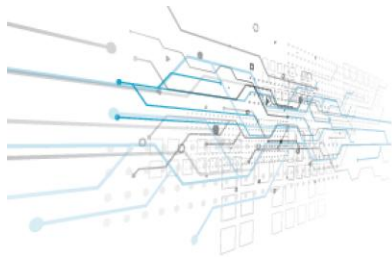
Ioanna Dratsiou (Aristotle University of Thessaloniki, Greece), Panagiotis Bamidis (Aristotle University of Thessaloniki, Greece), Maria Mpaka (Primary School of Mantamados, Greece), Panagiotis Antoniou (Aristotle University of Thessaloniki, Greece)

ID86 - Exploring the impact of modern board game and video game playing frequency on critical thinking

Ana Morais (University of Trás-os-Montes and Alto Douro, Portugal), Hélder Sousa (University of Trás-os-Montes and Alto Douro, Portugal), Gonçalo Cruz (University of Trás-os-Montes and Alto Douro, Portugal), Caroline Dominguez (University of Trás-os-Montes and Alto Douro, Portugal), Ana Paula Aires (University of Trás-os-Montes and Alto Douro, Portugal)

ID126 - Mutli-Scale Modeling of Learners' and Instructors' Quality of Interaction with Learning Management Systems at Higher Education Institutions

Abdulrahman Awa (Khalifa University, UAE), Sofia Dias (University of Lisbon, Portugal), Sofia Hadjileontiadou (Democritus University of Thrace, Greece), Leontios Hadjileontiadis (Khalifa University, UAE)



TECH-EDU ST1 – Special Track: Artificial Intelligence in Education

Main Auditorium, November 13, 2024 | 16:30-18:10

Chair: Tiago Pinto (University of Trás-os-Montes and Alto Douro, Portugal)

ID142 - The Impact of Artificial Intelligence on Flipped Learning and Online Learning

Jood Jumah (Al-Dhafra Private School, UAE), Omar Jumah (Al-Dhafra Private School, UAE), and Eman Hassan (Khalifa University, UAE)

ID43 - Toward a Gamified Learning Environment: Exploring the Evolution of Educational Games through SCORE

Pedro Oliveira (University of Trás-os-Montes and Alto Douro, Portugal), Tiago Pinto (University of Trás-os-Montes and Alto Douro, Portugal), Arsénio Reis (University of Trás-os-Montes and Alto Douro, Portugal), Tânia Rocha (University of Trás-os-Montes and Alto Douro, Portugal), João Barroso (University of Trás-os-Montes and Alto Douro, Portugal)

ID125 - Knowledge-Based Graph Representation and Prediction of Learners' Quality of Interaction with Learning Management Systems at Higher Education Institutions

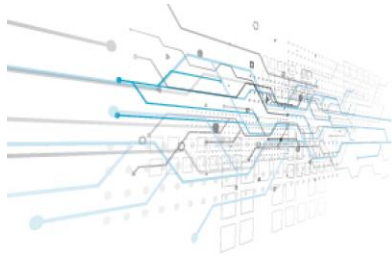
Abdulrahman Awa (Khalifa University, UAE), Sofia Dias (University of Lisbon, Portugal), Sofia Hadjileontiadou (Democritus University of Thrace, Greece), Leontios Hadjileontiadis (Khalifa University, UAE)

ID127 - Enhancing Teacher Effectiveness and Professional Development through AI-Powered Tools in Indian Higher Education

Krishna Roy (Symbiosis International Deemed University, India), Aryaman Sharma (ESSEC Business School, France)

ID44 - Game-Based Learning and Gamification: A Duo Revolutionizing Education

José Ferreira (University of Trás-os-Montes and Alto Douro, Portugal), Tiago Pinto (University of Trás-os-Montes and Alto Douro, Portugal), Arsénio Reis (University of Trás-os-Montes and Alto Douro, Portugal), Tânia Rocha (University of Trás-os-Montes and Alto Douro, Portugal), João Barroso (University of Trás-os-Montes and Alto Douro, Portugal)



TECH-EDU ST2 – Special Track: Instrumental Orchestration to integrate AI tools in SM&T education

Lecture Hall 2, November 14, 2024 | 12:00-13:00

Chair: J. Bernardino Lopes (University of Trás-os-Montes and Alto Douro, Portugal)

ID103 - Visual Programming as an Epistemic Tool

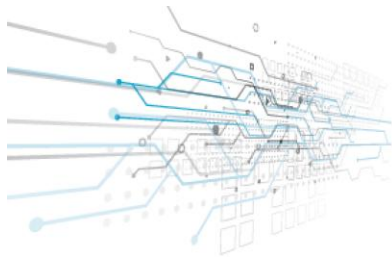
Gustavo de Carvalho (University of Trás-os-Montes and Alto Douro, Portugal), José Cravino (University of Trás-os-Montes and Alto Douro, Portugal), J. Bernardino Lopes (University of Trás-os-Montes and Alto Douro, Portugal)

ID129 - Improving Teaching with Artificial Intelligence Scaffolding in Physics Education with GPT

Pavlos Gaintatzis (University of Ioannina, Greece), Anastasios Mikropoulos (University of Ioannina, Greece), Maria-Stavroula Belitsou (University of West Attica, Greece)

ID108 - Teacher Feedback as a Promoter of Computational Thinking

Vera Escaleira (University of Trás-os-Montes and Alto Douro, Portugal), José Cravino (University of Trás-os-Montes and Alto Douro, Portugal), J. Bernardino Lopes (University of Trás-os-Montes and Alto Douro, Portugal)



TECH-EDU ST6 A – Special Track: Learning Today, Thriving Tomorrow: rethinking learning design in the digital era

Lecture Hall 1, November 15, 2024 | 14:00-15:20

Chair: Ana Balula (University of Aveiro, Portugal)

Co-Chairs: Sandra Vasconcelos (Polytechnic Institute of Porto, Portugal), Ana Rita Costa (University of Aveiro, Portugal)

ID95 - Enhancing the digital transformation of Greek education through the emerging Innovation Centers: the case of climate change

Zacharoula Smyrniou (National and Kapodistrian University of Athens, Greece), Martha Georgiou (National and Kapodistrian University of Athens, Greece)

ID110 - Embedding Sustainability Awareness into English for Specific Purposes Learning

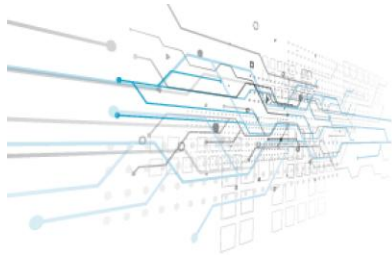
Sandra Vasconcelos (Polytechnic Institute of Porto, Portugal), Ana Balula (University of Aveiro, Portugal), Ana Rita Costa (University of Aveiro, Portugal)

ID70 - Translation Awareness of Conveying Discourse relations: A Study on English TED talks and their translation into Lithuanian, Portuguese and Turkish

Giedrė Oleškevičienė (Mykolas Romeris University, Lithuania), Deniz Zeyrek (Middle East Technical University, Turkey), Amália Mendes (University of Lisbon, Portugal), Dalia Gulbinskienė (Vilnius Gediminas Technical University, Lithuania), Irmantas Rotomskis (Mykolas Romeris University, Lithuania)

ID71 - Translation Awareness of Sense Shifts of Conveying Discourse Relations Based on English TED talks and their translation into Lithuanian, Portuguese and Turkish

Giedrė Oleškevičienė (Mykolas Romeris University, Lithuania), Deniz Zeyrek (Middle East Technical University, Turkey), Amália Mendes (University of Lisbon, Portugal), Dalia Gulbinskienė (Vilnius Gediminas Technical University, Lithuania)



TECH-EDU ST6 B – Special Track: Learning Today, Thriving Tomorrow: rethinking learning design in the digital era

Main Auditorium, November 15, 2024 | 9:00-10:40 am

Chair: Sandra Vasconcelos (Polytechnic Institute of Porto, Portugal)

Co-Chairs: Ana Balula (University of Aveiro, Portugal), Ana Rita Costa (University of Aveiro, Portugal)

ID131 - Developing a Tourism Quality Management eBook: An Experience Report

Carla Melo (Polytechnic Institute of Porto, Portugal)

ID141 - Rethinking Learning Design in the Digital Era: Innovations and Implications

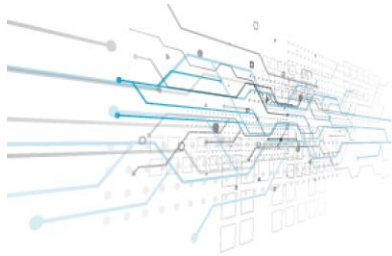
Margarida Pinheiro (University of Aveiro, Portugal)

ID132 - Exploring the potential of E-portfolios in Fostering Tourism Students' Career Skills

Sandra Vasconcelos (Polytechnic Institute of Porto, Portugal)

ID111 - Collaboration by design: a case of hybrid ESP learning

Ana Balula (University of Aveiro, Portugal)



TECH-EDU ST7 A – Special Track: Emerging Technologies and Learning Environments

Lecture Hall 1, November 13, 2024 | 14:30-16:10

Chair: Sofia Hadjileontiadou (Democritus University of Thrace, Greece)

Co-Chairs: George Koutromanos (National and Kapodistrian University of Athens, Greece), Kyparissia Papanikolaou (School of Pedagogical and Technological Education, Greece)

ID136 - Educational Robotics to support Kindergarten Student’s Problem-Solving Skills: a case study

Anthi Karatrantou (University of Patras, Greece), Marianna Dimitropoulou (University of Patras, Greece), Christos Panagiotakopoulos (University of Patras, Greece)

ID104 - Teaching Programming with Makey Makey in Lower Secondary School

Zuzana Kubincová (Comenius University in Bratislava, Slovakia), Karolína Miková (Comenius University in Bratislava, Slovakia), Elena Strečanská (Comenius University in Bratislava, Slovakia)

ID121 - Taking a Flight with Drones in STEM Education: Benefits, Affordances, Facilitating Factors and Challenges

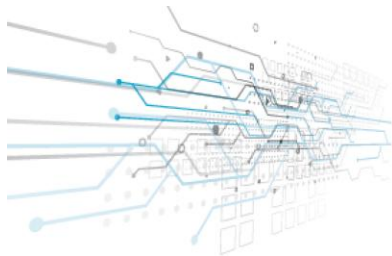
Tryfon Sivenas (National and Kapodistrian University of Athens, Greece), George Koutromanos (National and Kapodistrian University of Athens, Greece), Nikolaos Larios (National and Kapodistrian University of Athens, Greece)

ID130 - MindOfMine v.2: Towards a Closed-Loop Serious Game Platform for Personalized Cognitive Enhancement in Mental Disorders

Efstratia Ganiti-Roumeliotou (Khalifa University, UAE), Niki Pandria (Aristotle University of Thessaloniki, Greece), Sofia Dias (University of Lisbon, Portugal), Leontios Hadjileontiadis (Khalifa University, UAE), Panagiotis Bamidis (Aristotle University of Thessaloniki, Greece)

ID112 - Learning design integrating a gamified Augmented Reality application

Eleni Klada (University of West Attica, Greece), Kyparissia Papanikolaou (School of Technological and Pedagogical Education, Greece)



TECH-EDU ST7 B – Special Track: Emerging Technologies and Learning Environments

Main Auditorium, November 14, 2024 | 9:00-10:40 am

Chair: Sofia Hadjileontiadou (Democritus University of Thrace, Greece)

Co-Chairs: George Koutromanos (National and Kapodistrian University of Athens, Greece), Kyparissia Papanikolaou (School of Pedagogical and Technological Education, Greece)

ID55 - Electromagnetic waves all around us. Put your glasses on and sense them

Dimitrios Bekos (University of Ioannina, Greece), Anastasios Mikropoulos (University of Ioannina, Greece), Michael Delimitros (University of Ioannina, Greece)

ID97 - Enhancing Digital Competences in Adult Education: Insights from MOOC and online mentoring activities with DigComp Framework

Natalia Spyropoulou (Hellenic Open University, Greece), Rozalia Kalantzi (Hellenic Open University, Greece), Sofia Tsitou (Hellenic Open University, Greece), Gerasimos Vonitsanos (Hellenic Open University, Greece), Achilles Kameas (Hellenic Open University, Greece)

ID91 - Shape Grammar as boundary object towards learning in Integrated STEAM framework

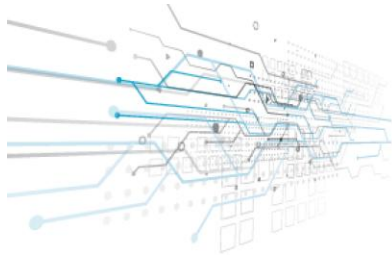
Sofia Hadjileontiadou (Democritus University of Thrace, Greece), Ioannis Kapsidis (Democritus University of Thrace, Greece)

ID122 - Students as Users of Augmented Reality Glasses: Their Experiences and Perceptions

George Koutromanos (National and Kapodistrian University of Athens, Greece), Tryfon Sivenas (National and Kapodistrian University of Athens, Greece), Marianthi Klironomou (National and Kapodistrian University of Athens, Greece)

ID118 - EduGenZ: A gamified educational framework for GenZ using affective and immersive technology

Sofia Hadjileontiadou (Democritus University of Thrace, Greece), Sofia Dias (University of Lisbon, Portugal), Anastasios Mikropoulos (University of Ioannina, Greece), Ana Balula (University of Aveiro, Portugal), Anna Klothou (Democritus University of Thrace, Greece), Charalambos Sakonidis (Democritus University of Thrace, Greece), Ioannis Kapsidis (Democritus University of Thrace, Greece), Ilias Kitsas (Aristotle University of Thessaloniki, Greece), Vasilis Charisis (Aristotle University of Thessaloniki, Greece), Stelios Hadjidimitriou (Aristotle University of Thessaloniki, Greece), Charis Sotirakis (Aristotle University of Thessaloniki, Greece), George Apostolidis (Aristotle University of Thessaloniki, Greece), Leontios Hadjileontiadis (Khalifa University, UAE)



TECH-EDU ST8 – Special Track: Mathematics, Sciences, and Technology: 21st-century teaching and learning

Lecture Hall 1, November 14, 2024 | 9:00-10:40 am

Chair: Paula Catarino (University of Trás-os-Montes and Alto Douro, Portugal)

ID106 - The conceptions of future primary teachers about the development of computational thinking through a card game

André Joaquim (University of Trás-os-Montes and Alto Douro, Portugal), Ana Morais (University of Trás-os-Montes and Alto Douro, Portugal), Paula Catarino (University of Trás-os-Montes and Alto Douro, Portugal), Ana Paula Aires (University of Trás-os-Montes and Alto Douro, Portugal)

ID140 - Integrating Computational Thinking and Artificial Intelligence into Mathematics Education: A Pathway for the 21st Century

Margarida Pinheiro (University of Aveiro, Portugal), Vanda Santos (University of Aveiro, Portugal)

ID147 - An ethnomathematics task using Bisalhães black pottery

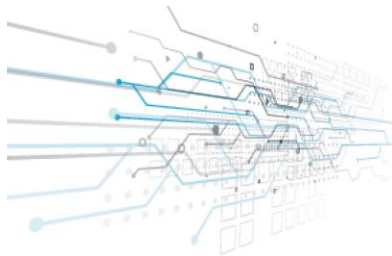
Helena Bogas (University of Trás-os-Montes and Alto Douro, Portugal), Paula Catarino (University of Trás-os-Montes and Alto Douro, Portugal), Mariluce Silva (University of Trás-os-Montes and Alto Douro, Portugal), Maria Nascimento (University of Trás-os-Montes and Alto Douro, Portugal)

ID152 - Guidelines for using Mixed Reality to Teach STEM Subjects

Bruno Pataca (NOVA IMS, Portugal), João Barroso (University of Trás-os-Montes and Alto Douro, Portugal), Vitor Santos (NOVA IMS, Portugal)

ID133 - Concept map as an assessment item

Maria Nascimento (University of Trás-os-Montes and Alto Douro, Portugal), Eva Morais (University of Trás-os-Montes and Alto Douro, Portugal), Paula Catarino (University of Trás-os-Montes and Alto Douro, Portugal)



TECH-EDU ST9 – Tools and Datasets for Teaching and Researching in Artificial Intelligence and Data Science

Lecture Hall 2, November 15, 2024 | 14:00-15:20

Chair: António Paulino (Polytechnic Institute of Coimbra, Portugal)

Co-Chair: Tiago Pinto (University of Trás-os-Montes e Alto Douro, Portugal)

ID151 - Course design with artificial intelligence agents

Ivan Alexandra (Ovidius University of Constanța, Romania), Tiago Pinto (University of Trás-os-Montes e Alto Douro, Portugal), Arsénio Reis (University of Trás-os-Montes e Alto Douro, Portugal), João Barroso (University of Trás-os-Montes e Alto Douro, Portugal)

ID93 - Enhancing Digital Libraries through NLP and Recommender Systems: Current Trends and Future Prospects with Large Language Models

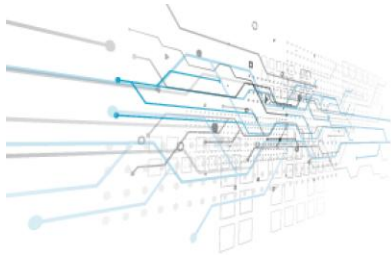
Heike Cardoso (Universidade Aberta, Portugal), Vitor Rocio (Universidade Aberta, Portugal)

ID150 - Large Language Models and Intelligent Agents in Education

Walkir Brito (University of Trás-os-Montes e Alto Douro, Portugal), António Paulino (Polytechnic of Coimbra, Portugal), Mateus Mendes (Polytechnic of Coimbra, Portugal), Arsénio Reis (University of Trás-os-Montes e Alto Douro, Portugal)

ID79 - Unlocking the Potential of Large Language Models for AI-Assisted Medical Education: A Case Study with ChatGPT

Prabin Sharma (University of Massachusetts Boston, USA), Kisan Thapa (University of Massachusetts Boston, USA), Prastab Dhakal (Texas Tech University, USA), Mala Upadhaya (Coventry University, UK), Dikshya Thapa (University of Massachusetts Boston, USA), Santosh Adhikari (MacNeal Hospital, USA), Salik Khanal (Washington State University, USA), Vitor Filipe (University of Trás-os-Montes e Alto Douro, Portugal)



City Tour

November 14, 2024 | 17:30-20:30

The buses will leave from Khalifa University and follow a trajectory in the city, passing through the city's main sightseeing. Specific stops will allow some more time to explore the landmarks. After the city tour, the buses will continue to the Gala Dinner.

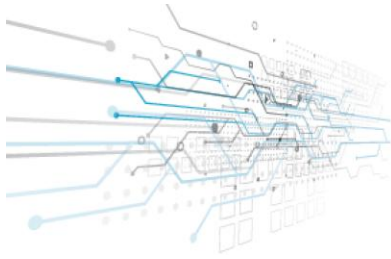
Gala Dinner

November 14, 2024 | 20:30-00:30

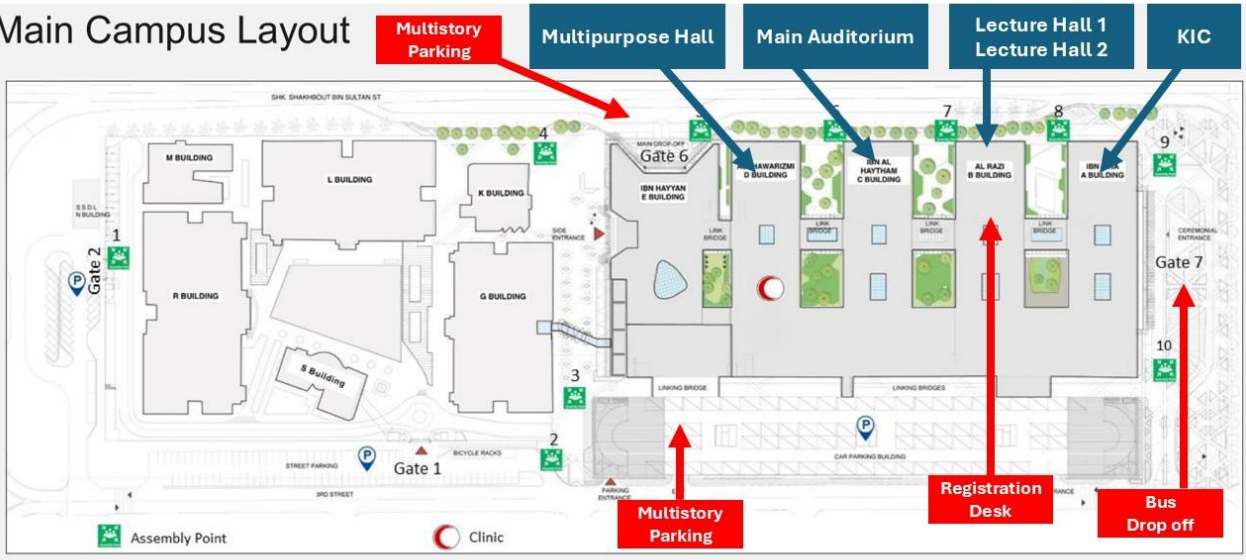
The Gala Dinner will take place at Shangri-La Abu Dhabi Hotel, <https://www.shangri-la.com/abudhabi/shangrila/>



The conference will provide bus transportation back to KU/Hotel.



Main Campus Layout



Lunch and coffee breaks will be served in the Multi-Purpose Hall – D00037, Building D, Ground floor.

Free Wi-Fi access is available throughout the venue:

Network: KU-EVENTS

Password: events@ku

Delegate name badges and conference materials can be picked up from the registration desk at the Spine Area, Building B, Ground floor. We highly recommend that you bring the registration confirmation received previously

Contact Details for any assistance:

Prof. Leontios Hadjileontiadis, Professor and Chair of the Department of Biomedical Engineering & Biotechnology, Khalifa University-DSAI 2024 Chair

leontios.hadjileontiadis@ku.ac.ae

Mobile: +971 50 36 124 22