Detailed Program

DSAI 2026

12th International Conference on Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion

https://dsai.ws/2026/

TECH-EDU 2026

5th International Conference on Technology and Innovation in Learning, Teaching and Education

https://tech-edu.ws/2026/

22 – 24 June 2026

Grecotel Egnatia, Alexandroupolis, Greece

DSAI 2026 | TECH-EDU 2026 | Program - Day 1, June 22, 2026

Time Zone: Eastern European Summer Time (EEST) / GMT+3

Location: Grecotel Egnatia, Egnatia Park, Alexandroupolis, 68100 Thrace, Greece

Time	Room 1 "Samothraki" Grecotel Egnatia	Room 2 "Thrace I" Grecotel Egnatia	Room 3 "Thrace II" Grecotel Egnatia	Room 4 "Avdira" Grecotel Astir
8:30-19:00	**Registration**			
9:30-10:00	**Opening Ceremony**			
10:00-11:00	**Opening Panel**			
11:00-11:30	**Coffee Break**			
11:30-12:30	**Keynote 1**			
12:30-13:30	**DSAI MT1**	**TECH-EDU MT1**	**TECH-EDU ST8**	
13:30-14:30	**Light Lunch Break**			
14:30-15:30	**iLRN Panel**			
15:30-16:30	**DSAI MT2**	**TECH-EDU MT2**	**TECH-EDU ST1**	
16:30-17:00	**Coffee Break**			
17:00-18:00	**Keynote 2**			
18:00-19:00	**DSAI ST5A**	**TECH-EDU MT3**	**TECH-EDU ST6**	
20:00	**Welcome Reception**			

Opening Panel – Translational Research in Rehabilitation, Digital Inclusiveness and Education in the Era of AI
Keynote 1 – Trustworthy AI in Education: Aligning Values, Pedagogy, and Innovation
DSAI MT1 – Main Track: Accessibility and Interaction
TECH-EDU MT1 – Main Track: Gamification and Educational Gaming
TECH-EDU ST8 – Special Track: Sustainable Innovation in Digital Education (SIDE)
iLRN Panel – Community Pathways within an Open Society for Immersive Learning
DSAI MT2 – Main Track: Human-Centered Intelligent Systems
TECH-EDU MT2 – Main Track: Educational Robotics and Computational Learning
TECH-EDU ST1 – Special Track: Virtual Frontiers: Exploring Immersive Learning with AR and VR (iVFront)
Keynote 2 – Advancing Interactive & Immersive Learning Media in Higher Education: Insights from a Systematic Expert Review
DSAI ST5A – Special Track: Digital Biomarkers' Potentialities: From Digital Phenotyping to Systemic Thinking in Health and Education
TECH-EDU MT3 – Main Track: Artificial Intelligence and Learning Support
TECH-EDU ST6 – Special Track: Revisiting Multiliteracies in the Age of Power Imbalances, Algorithms, and AI

DSAI 2026 | TECH-EDU 2026 | Program - Day 2, June 23, 2026

Time Zone: Eastern European Summer Time (EEST) / GMT+3

Location: Grecotel Egnatia, Egnatia Park, Alexandroupolis, 68100 Thrace, Greece

Time	Room 1 "Samothraki" Grecotel Egnatia	Room 2 "Thrace I" Grecotel Egnatia	Room 3 "Thrace II" Grecotel Egnatia	Room 4 "Avdira" Grecotel Astir
9:00-10:30	**DSAI ST5B**	**TECH-EDU MT4**	**TECH-EDU ST4**	**Workshop 1**
10:30-11:00	**Coffee Break**			
11:00-12:00	**Keynote 3**			
12:00-13:30	**DSAI ST6**	**TECH-EDU MT5**	**TECH-EDU ST2**	**Workshop 2**
13:30-14:30	**Light Lunch Break**			
14:30-16:00	**DSAI ST4**	**TECH-EDU MT6**	**TECH-EDU ST3A**	**Workshop 3**
16:00-16:30	**Coffee Break**			
16:30-17:30	**Keynote 4**			
17:30-19:15	**TECH-EDU MT7**	**TECH-EDU ST7**	**TECH-EDU ST3B**	
20:30	**Gala Dinner**			

DSAI ST5B – Special Track: Digital Biomarkers' Potentialities: From Digital Phenotyping to Systemic Thinking in Health and Education
TECH-EDU MT4 – Main Track: Digital Pedagogy and Online Learning
TECH-EDU ST4 – Special Track: Digital Games and Gamification in Learning Environments
Workshop 1 – Fostering Systems Thinking through the EduGenZ Lens
Keynote 3 – Fostering Teachers' Digital Competencies in Greece. Initiatives, Frameworks, Tools and Case Studies
DSAI ST6 – Special Track: Tangible User Interfaces and Immersive Learning Environments: Contrasting Paths for Accessible and Meaningful Education
TECH-EDU MT5 – Main Track: AI Acceptance, Ethics and Academic Integrity
TECH-EDU ST2 – Special Track: Authentic Learning with Educational Robotics: Preparing Learners for the New Digital Era
Workshop 2 – AI-Driven Innovation in Education: Hands-On Strategies from the Erasmus+ "Future Classrooms" Project
DSAI ST4 – Special Track: Learning Technologies in Special Education and Inclusion
TECH-EDU MT6 – Main Track: Professional Development and Learning Design
TECH-EDU ST3A – Special Track: Conversational AI Assistants in Education: Opportunities, Challenges, and Ethical Dilemmas
Workshop 3 – Teaching Physical Computing with Raspberry Pi Pico and Python: A Hands-On Workshop for Educators
Keynote 4 – Transportation Autonomy with Waymo: A Look Behind the Scenes
TECH-EDU MT7 – Main Track: STEM Educational Approaches
TECH-EDU ST7 – Special Track: Mathematics Education, Digital Technologies and AI
TECH-EDU ST3B – Special Track: Conversational AI Assistants in Education: Opportunities, Challenges, and Ethical Dilemmas

DSAI 2026 | TECH-EDU 2026 | Program - Day 3, June 24, 2026

Time Zone: Eastern European Summer Time (EEST) / GMT+3

Location: Grecotel Egnatia, Egnatia Park, Alexandroupolis, 68100 Thrace, Greece

Time	Room 1 "Samothraki" Grecotel Egnatia	Room 2 "Thrace I" Grecotel Egnatia	Room 3 "Thrace II" Grecotel Egnatia	Room 4 "Avdira" Grecotel Astir
9:00-10:30	**TECH-EDU MT8**	**TECH-EDU ST9**	**TECH-EDU ST5**	
10:30-11:00	**Coffee Break**			
11:00-12:30	**TECH-EDU MT9**	**TECH-EDU MT10**	**TECH-EDU ST11**	
12:30-13:00	**Closing Ceremony**			
13:00	**Light Lunch**			

TECH-EDU MT8 – Main Track: Interactive Learning Environments
TECH-EDU ST9 – Special Track: Artificial Intelligence in Education
TECH-EDU ST5 – Special Track: GenAI Beyond Hype: Evidence-Based, Transparent, and Reproducible Practices for Teaching, Learning, and Assessment
TECH-EDU MT9 – Main Track: Digital Literacy, Learning Analytics and Curriculum Innovation
TECH-EDU MT10 – Main Track: Artificial Intelligence and Emerging Technologies in Education
TECH-EDU ST11 – Special Track: GenAI as Tool and Agent In SM&T Education: The Role of The Teacher in the Context of New Instrumental Orchestration Conception

Detailed Program

Opening Ceremony
Room 1 "Samothraki", Grecotel Egnatia, June 22, 2026 | 9:30-10:00
- Angelos Markos, Dean of the School of Education, Democritus University of Thrace, Greece
- Athanasios Mogias, Deputy Head of the Department of Primary Education, Democritus University of Thrace, Greece
- Georgios Sirakoulis, Professor in the Department of Electrical and Computer Engineering, Democritus University of Thrace, Greece
- Sofia Hadjileontiadou, TECH-EDU 2026 Chair, Democritus University of Thrace, Greece
- Tassos Mikropoulos, DSAI 2026 Chair, University of Ioannina, Greece

Opening Panel – Translational Research in Rehabilitation, Digital Inclusiveness and Education in the Era of AI
Room 1 "Samothraki", Grecotel Egnatia, June 22, 2026 | 10:00-11:00
- Alexandros Taxildaris, Physiatrist, Paralympic Athlete and Medalist, Head of the NGO "PERPATO", Greece
- Ioannis Kansizoglou, Professor in the Department of Occupational Therapy, Democritus University of Thrace, Greece
- Panagiotis Bamidis, TECH-EDU 2026 Co-Chair, Aristotle University of Thessaloniki, Greece

Moderator: Leontios Hadjileontiadis, Professor in the Department of Electrical and Computer Engineering, Aristotle University of Thessaloniki, Greece

iLRN Panel – Community Pathways within an Open Society for Immersive Learning
Room 1 "Samothraki", Grecotel Egnatia, June 22, 2026 | 14:30-15:30
- Daphne Economou, Senior Lecturer in the Department of Computer Science, University of Westminster, England
- Jonathon Richter, CEO and President of the Immersive Learning Research Network (iLRN), United States of America
- Paula MacDowell, Professor in the Department of Curriculum Studies, University of Saskatchewan, Canada

Moderator: Tassos Mikropoulos, DSAI 2026 Chair, University of Ioannina, Greece

Keynote 1 – Trustworthy AI in Education: Aligning Values, Pedagogy, and Innovation
Room 1 "Samothraki", Grecotel Egnatia, June 22, 2026 | 11:30-12:30
Speaker: Paula MacDowell, Professor in the Department of Curriculum Studies, University of Saskatchewan, Canada
Chair: Hugo Paredes, Professor in the Department of Engineering, University of Trás-os-Montes e Alto Douro, Portugal

Keynote 2 – Advancing Interactive & Immersive Learning Media in Higher Education: Insights from a Systematic Expert Review
Room 1 "Samothraki", Grecotel Egnatia, June 22, 2026 | 17:00-18:00
Speaker: Daphne Economou, Senior Lecturer in the Department of Computer Science, University of Westminster, England
Chair: Sofia Hadjileontiadou, TECH-EDU 2026 Chair, Democritus University of Thrace, Greece

Keynote 3 – Fostering Teachers' Digital Competencies in Greece. Initiatives, Frameworks, Tools and Case Studies
Room 1 "Samothraki", Grecotel Egnatia, June 23, 2026 | 11:00-12:00
Speaker: Charalampos Karagiannidis, Professor in the Department of Special Education, University of Thessaly, Greece
Chair: Tassos Mikropoulos, DSAI 2026 Chair, University of Ioannina, Greece

Keynote 4 – Transportation Autonomy with Waymo: A Look Behind the Scenes

Room 1 "Samothraki", Grecotel Egnatia, June 23, 2026 | 16:30-17:30

Speaker: Konstantinos Katsiapis, Senior Accountable Lead at Waymo LLC, United States of America

Chair: Leontios Hadjileontiadis, Professor in the Department of Electrical and Computer Engineering, Aristotle University of Thessaloniki, Greece

Workshop 1 – Fostering Systems Thinking through the EduGenZ Lens

Room 4 "Avdira", Grecotel Astir, June 23, 2026 | 9:00-10:30

[Up to 30 participants upon free onsite registration / Participants should bring their own laptop]

- This interactive workshop introduces participants to systems thinking as a framework for understanding and addressing complexity in higher education. Through discussions, systems mapping, and causal loop diagramming, participants explore how educational challenges emerge from interconnected factors rather than isolated causes. The workshop examines applications of systems thinking to issues such as student engagement, wellbeing, curriculum innovation, and the integration of artificial intelligence. In its final phase, participants are introduced to a game-based learning approach and collaboratively design elements of a systems thinking game.

Organizers: Sofia Hadjileontiadou, Ioannis Kapsidis, Eirini Tsetsiou and Ana Klothou (Democritus University of Thrace, Greece)

Workshop 2 – AI-Driven Innovation in Education: Hands-On Strategies from the Erasmus+ "Future Classrooms" Project

Room 4 "Avdira", Grecotel Astir, June 23, 2026 | 12:00-13:30

[Up to 20 participants upon free onsite registration / Participants should bring their own laptop]

- The workshop presents the methodology and outcomes of the Erasmus+ project Future Classrooms: AI-Driven Innovation in Education, focusing on the pedagogical integration of Artificial Intelligence in secondary education. Participants will explore practical applications of AI for lesson design, differentiated instruction, and formative assessment through hands-on collaborative activities. The session also addresses key issues related to ethics, data privacy, bias, and responsible AI use in educational settings. Combining theory with practice, the workshop provides participants with ready-to-use tools, templates, and classroom scenarios that support innovative, inclusive, and learner-centred teaching.

Organizer: Vagia Sereti, Education Quality Supervisor and Directorate of Secondary Education of Rodopi, Greece

Workshop 3 – Teaching Physical Computing with Raspberry Pi Pico and Python: A Hands-On Workshop for Educators

Room 4 "Avdira", Grecotel Astir, June 23, 2026 | 14:30-16:00

[Up to 20 participants upon free onsite registration / Participants should bring their own laptop]

- The workshop serves as an accessible introduction to Python programming through experiential and project-based learning. Participants will become familiar with the Raspberry Pi Pico, a low-cost, high-performance microcontroller board developed by the Raspberry Pi Foundation. They will also gain hands-on experience with the Python programming language and explore ways to integrate it into educational practice.

Organizer: Simos Anagnostakis, Laboratorial Teaching Staff, University of Crete, Greece

Closing Ceremony

Room 1 "Samothraki", Grecotel Egnatia, June 24, 2026 | 12:30-13:00

- Angelos Markos, Dean of the School of Education, Democritus University of Thrace, Greece
- Sofia Hadjileontiadou, TECH-EDU 2026 Chair, Democritus University of Thrace, Greece
- Tânia Rocha, DSAI 2026 Co-Chair, University of Trás-os-Montes e Alto Douro, Portugal
- Tassos Mikropoulos, DSAI 2026 Chair, University of Ioannina, Greece

DSAI MT1 – Main Track: Accessibility and Interaction
Room 1 “Samothraki”, Grecotel Egnatia, June 22, 2026 | 12:30-13:30
Chair: Tânia Rocha, University of Trás-os-Montes e Alto Douro, Portugal

ID 15 - Cross-Generational Interaction Design: A Theoretical Framework for Understanding Different Technological Paradigms and Interaction Norms
Frode Eika Sandnes (Oslo Metropolitan University, Norway), Jo Herstad (University of Oslo, Norway), Way Kiat Bong (Oslo Metropolitan University, Norway)

ID 29 - Supporting VI Readers and Authors Through Accessible Mathematical Diagrams Created in Prefigure
David Austin (Grand Valley State University, USA), Neha Jadhav (Progressive Accessibility Solutions, England), Alexei Kolesnikov (Towson University, USA), Jason Siefken (University of Toronto, Canada), Volker Sorge (University of Birmingham, England)

ID 52 - Accessible Chart Descriptions: A First Exploration of Programmatic Data Extraction and AI-assisted Text Generation
Rubén Alcaraz-Martínez (University of Barcelona, Spain), Mireia Ribera (University of Barcelona, Spain), Marina Salse-Rovira (University of Barcelona, Spain)

ID 63 - Applications of GAI to Tourism and Travel for Persons with Disabilities: A User-Perspective on Trip Planning and Decision-Making
Gabriel Pais (NOVA University Lisbon, Portugal), Henrique Mamede (Portuguese Open University, Portugal), Pedro Malta (NOVA University Lisbon, Portugal), Vitor Santos (NOVA University Lisbon, Portugal)

DSAI MT2 – Main Track: Human-Centered Intelligent Systems
Room 1 “Samothraki”, Grecotel Egnatia, June 22, 2026 | 15:30-16:30
Chair: Vitor Santos, NOVA University Lisbon, Portugal

ID 14 - CESAS - A Civil Engineer Software Architecture Solution
Andreia Alfarroba (University of the Algarve, Portugal), Joel Guerreiro (University of the Algarve, Portugal)

ID 28 - Conservative Tracking and Affective Framework for Longitudinal Queue Analysis and Customer Satisfaction Dynamics
Roberto Santos (University of the Algarve, Portugal), João Rodrigues (University of the Algarve, Portugal), Jaime Carvalho (University of the Algarve, Portugal)

ID 49 - Between Humans and Machines: A Pilot Study on Instrument Validation and Protocol Feasibility for Evaluating LLMs in Clinical Questions
Rafael Ris-Ala (University of Trás-os-Montes e Alto Douro, Portugal), Mariana Mendonça Teixeira Duarte (University of Trás-os-Montes e Alto Douro, Portugal), Pedro Melo (University of Trás-os-Montes e Alto Douro, Portugal), Diogo Guimarães (University of Trás-os-Montes e Alto Douro, Portugal), Adriana Vivacqua (Federal University of Rio de Janeiro, Brazil), Hugo Paredes (University of Trás-os-Montes e Alto Douro, Portugal)

ID 66 - Semiotics in Participative Design - A Study Case
Gabriel Palaoro (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), Tânia Rocha (University of Trás-os-Montes e Alto Douro, Portugal)

DSAI ST4 – Special Track: Learning Technologies in Special Education and Inclusion
Room 1 “Samothraki”, Grecotel Egnatia, June 23, 2026 | 14:30-16:00
Chair: Tassos Mikropoulos, University of Ioannina, Greece

ID 12 - Educational Robotics in Special Education: Implementation within the Greek Innovation Centers Framework
Konstantina Kotsari (National and Kapodistrian University of Athens, Greece), Zacharoula Smyrnaiou (CTI DIOPHANTUS, Greece)

ID 26 - A Family-Oriented Digital Learning Environment for Croatian Sign Language
Iva Zekić (University of Zagreb, Croatia), Marina Milković (University of Zagreb, Croatia), Jurica Babić (University of Zagreb, Croatia), Ana Radović (University of Zagreb, Croatia), Ivana Složić (University of Zagreb, Croatia)

ID 27 - Exploring GenAI-Supported Workflows for Accessible Mathematics Learning Materials through Co-Design: The Case of Handwritten Content
Leiv Øyehaug (Oslo Metropolitan University, Norway), Weiqin Chen (Oslo Metropolitan University, Norway)

ID 39 - Enhancing Teachers’ Empathy Toward Autistic Students Through Augmented Reality
Aikaterini Stergiouli (University of Ioannina, Greece), Tassos Mikropoulos (University of Ioannina, Greece)

DSAI ST5A – Special Track: Digital Biomarkers' Potentialities: From Digital Phenotyping to Systemic Thinking in Health and Education
Room 1 "Samothraki", Grecotel Egnatia, June 22, 2026 | 18:00-19:00
Chairs: Sofia Hadjileontiadou (Democritus University of Thrace, Greece), Leontios Hadjileontiadis (Aristotle University of Thessaloniki, Greece), Tassos Mikropoulos (University of Ioannina, Greece), Stelios Hadjidimitriou (Aristotle University of Thessaloniki, Greece), Vasilis Charisis (Aristotle University of Thessaloniki, Greece)

ID 36 - Behavior Recognition Using Radio Frequency Identification and Deep Learning
Evangelia Dimaridou (Aristotle University of Thessaloniki, Greece), Stavroula Siachalou (Aristotle University of Thessaloniki, Greece), Nikolaos Fachantidis (University of Macedonia, Greece), Antonios Dimitriou (University of Macedonia, Greece)

ID 37 - Attention Monitoring Using Eye Tracking Technology and Deep Learning
Alexandra Kontogeorgou (Aristotle University of Thessaloniki, Greece), Stavroula Siachalou (Aristotle University of Thessaloniki, Greece), Ioannis Lefkos (University of Macedonia, Greece), Nikolaos Fachantidis (University of Macedonia, Greece), Antonios Dimitriou (University of Macedonia, Greece)

ID 48 - DepressionSense Project: Digital Phenotyping Feature Engineering from Mouse Dynamics
Pedro Mendes (University of Trás-os-Montes e Alto Douro, Portugal), Leonor Pinto (University of Trás-os-Montes e Alto Douro, Portugal), Francisco Andrade (University of Porto, Portugal), André Thiago Netto (University of Trás-os-Montes e Alto Douro, Portugal), Dennis Paulino (INESC TEC, Portugal), Paulo Pimentel (University of Maia, Portugal), Hugo Paredes (University of Trás-os-Montes e Alto Douro, Portugal)

ID 55 - DepressionSense Project: Behavioral Digital Phenotyping for Depression Severity Discrimination in a Clinical Population
Leonor Pinto (University of Trás-os-Montes e Alto Douro, Portugal), Pedro Mendes (University of Trás-os-Montes e Alto Douro, Portugal), Francisco Andrade (University of Porto, Portugal), André Thiago Netto (University of Trás-os-Montes e Alto Douro, Portugal), Dennis Paulino (INESC TEC, Portugal), Paulo Pimentel (University of Maia, Portugal), Hugo Paredes (University of Trás-os-Montes e Alto Douro, Portugal)

DSAI ST5B – Special Track: Digital Biomarkers' Potentialities: From Digital Phenotyping to Systemic Thinking in Health and Education
Room 1 "Samothraki", Grecotel Egnatia, June 23, 2026 | 9:00-10:30
Chairs: Sofia Hadjileontiadou (Democritus University of Thrace, Greece), Leontios Hadjileontiadis (Aristotle University of Thessaloniki, Greece), Tassos Mikropoulos (University of Ioannina, Greece), Stelios Hadjidimitriou (Aristotle University of Thessaloniki, Greece), Vasilis Charisis (Aristotle University of Thessaloniki, Greece)

ID 25 - Feasibility of 16Weeks of Adaptive Rowing in Incomplete Spinal Cord Injury: Body Composition and Functional Trajectories from a Two-Case Series
José da Silva (Federal University of Rio Grande do Norte, Brazil), Diogo Guimarães (University of Trás-os-Montes e Alto Douro, Portugal), Thales Wendel (Federal University of Rio Grande do Norte, Brazil), Luís Nunes (University of Trás-os-Montes e Alto Douro, Portugal), Salomé Batista (University of Trás-os-Montes e Alto Douro, Portugal), Tomás Vasconcelos (University of Trás-os-Montes e Alto Douro, Portugal), Daniel Pinhão (University of Trás-os-Montes e Alto Douro, Portugal), Samuel Gomes (Federal University of Rio Grande do Norte, Brazil), Rummenigge Dantas (Federal University of Rio Grande do Norte, Brazil), Hugo Paredes (University of Trás-os-Montes e Alto Douro, Portugal), Paulo Dantas (Federal University of Rio Grande do Norte, Brazil)

ID 35 - Multimodal Digital Phenotyping in Psoriatic Arthritis, Parkinson's Disease, and Breast Cancer: Tri-project Insights from iPROLEPSIS, AI-PROGNOSIS, and REBECCA
Vasileios Charisis (Aristotle University of Thessaloniki, Greece), Stelios Hadjidimitriou (Aristotle University of Thessaloniki, Greece), Ioannis Sarafis (Aristotle University of Thessaloniki, Greece), Eleni Vasileiou (Aristotle University of Thessaloniki, Greece), George Apostolidis (Aristotle University of Thessaloniki, Greece), Ioannis Gerasimou (Aristotle University of Thessaloniki, Greece), Apostolos Moustaklis (Aristotle University of Thessaloniki, Greece), Anastasios Delopoulos (Aristotle University of Thessaloniki, Greece), Leontios Hadjileontiadis (Aristotle University of Thessaloniki, Greece)

ID 38 - Digital Biomarkers in Serious Games for Patients with Psoriatic Arthritis: The iPROLEPSIS Games Paradigm
Bárbara Ramalho (University of Lisbon, Portugal), Filipa Magalhães (University of Lisbon, Portugal), Rodolfo Costa (University of Lisbon, Portugal), Joana Matias (University of Lisbon, Portugal), Marta Vicente (University of Lisbon, Portugal), Samuel Gomes (University of Lisbon, Portugal), Pedro Abreu (University of Lisbon, Portugal), Nikoleta Tsampanaki (Netcompany S.A., Luxembourg), Petros Dimitrakopoulos (Netcompany S.A., Luxembourg), Amalia Ntemou (Netcompany S.A., Luxembourg), Sandra Gama (University of Lisbon, Portugal), Vasilis Charisis (Aristotle University of Thessaloniki, Greece), Leontios Hadjileontiadis (Aristotle University of Thessaloniki, Greece), Sofia Dias (University of Lisbon, Portugal)

ID 43 - Integrated Care Models in People with Chronic Respiratory Diseases and Comorbidities: A Systematic Review
Beatriz Alves (University of Lisbon, Portugal), Laura Scherzberg (University of Lisbon, Portugal), Ghada Alhussein (University of Lisbon, Portugal), Inês Saavedra (SHINE 2Europe LDA, Portugal), Miriam Cabrita (SHINE 2Europe LDA, Portugal), Carina Dantas (SHINE 2Europe LDA, Portugal), Reem Kayyali (Kingston University London, England), Shereen Nabhani-Gebara (Kingston University London, England), Anishta Mehdi Mohammad (Kingston University London, England), Sofia Dias (University of Lisbon, Portugal)

ID 59 - Smartphone Breathing Phase Detection in Multimorbid Respiratory Care: The MULTIPULM Breathing Games Paradigm
Laura Scherzberg (University of Lisbon, Portugal), Efstratia Ganiti-Roumeliotou (Khalifa University, United Arab Emirates), Sandra Gama (University of Lisbon, Portugal), Leontios Hadjileontiadis (Aristotle University of Thessaloniki, Greece), Sofia Dias (University of Lisbon, Portugal)

DSAI ST6 – Special Track: Tangible User Interfaces and Immersive Learning Environments: Contrasting Paths for Accessible and Meaningful Education
Room 1 “Samothraki”, Grecotel Egnatia, June 23, 2026 | 12:00-13:30
Chairs: Ioannis Kazanidis (International Hellenic University, Greece), Avgoustos Tsinakos (Democritus University of Thrace, Greece)

ID 24 - Foundational Visual Design Preferences for Accessible Immersive Learning Environments: Autistic User and Stakeholder Perspectives
Gunjan Kumari (Ilmenau University of Technology, Germany), Wolfgang Broll (Ilmenau University of Technology, Germany)

ID 31 - Retention in a Series of Online Symposia with Tangible 3D Models for the Visually Impaired: Survival and Cohort Analyses for Accessible Edutainment Outreach
Kazunori Minatani (National Center for University Entrance Examinations, Japan), Tetsuya Watanabe (Niigata University, Japan), Masakazu Iwamura (Osaka Metropolitan University, Japan), Eriko Shima (Hokkaido University, Japan)

ID 53 - Inclusive Computational Thinking Learning Environments for Blind and Visually Impaired Students: Teachers’ Perceptions in Secondary and Post-Secondary Education
Ariadni Avramidou (Democritus University of Thrace, Greece), Ioannis Kazanidis (Democritus University of Thrace, Greece)

ID 56 - Accessible History Education Through XR and Tangible Interfaces
Athina Papadopoulou (Democritus University of Thrace, Greece), Ioannis Kazanidis (Democritus University of Thrace, Greece)

ID 57 - Immersive Environments for Cognitive Development in Autism Spectrum Disorder: A Systematic Review on Design Requirements and Implementation Gaps
Rogério Medeiros Dias (University of Trás-os-Montes e Alto Douro, Portugal), Tânia Rocha (University of Trás-os-Montes e Alto Douro, Portugal), Paulo Martins (University of Trás-os-Montes e Alto Douro, Portugal)

ID 65 - GenAI and Augmented Reality in Collaborative Instructional Design: Media Literacy, Technology Acceptance, and Implications for Inclusive Learning
Chrysoula Lazou (Democritus University of Thrace, Greece), Avgoustos Tsinakos (Democritus University of Thrace, Greece), Ioannis Kazanidis (Democritus University of Thrace, Greece)

TECH-EDU MT1 – Main Track: Gamification and Educational Gaming
Room 2 “Thrace I”, Grecotel Egnatia, June 22, 2026 | 12:30-13:30
Chair: Ana Balula, University of Aveiro, Portugal

ID 36 - NICKMEHR: A Framework for Gamification User Profiling Based on Empirical Evidence
Behrooz Moradi (University of Padua, Italy), Ettore Bolisani (University of Padua, Italy), Juan-Gabriel Cegarra-Navarro (Polytechnic University of Cartagena, Spain), Aurora Martínez Martínez (Polytechnic University of Cartagena, Spain), Tomas Cherkos Kassaneh (University of Padua, Italy), Behrooz Moradi (University of Padua, Italy)

ID 46 - Play, Decide, Classify: A Game with a Purpose for Bartle’s Taxonomy
Diogo Guimarães (University of Trás-os-Montes e Alto Douro, Portugal), António Correia (University of Jyväskylä, Finland), Dennis Paulino (INESC TEC, Portugal), Diogo Cabral (University of Trás-os-Montes e Alto Douro, Portugal), Miguel Teixeira (University of Trás-os-Montes e Alto Douro, Portugal), André Thiago Netto (University of Trás-os-Montes e Alto Douro, Portugal), Walkir Brito (Federal University of Rio de Janeiro, Brazil), Hugo Paredes (University of Trás-os-Montes e Alto Douro, Portugal)

ID 65 - Resilient Learning Ecosystems: A Design Study of Gamified Offline Cryptography Education
Ahmed Abdalaal (University of Westminster, England), Ayman El Hajjar (University of Westminster, England), Daphne Economou (University of Westminster, England), Tamas Kiss (University of Westminster, England)

ID 126 - Engaging Sign Language Learning Through a Gamified Mobile Application
Florian Wohlmuth (Graz University of Technology, Austria), Michael Holly (Graz University of Technology, Austria), Johanna Pirker (Graz University of Technology, Austria)

TECH-EDU MT2 – Main Track: Educational Robotics and Computational Learning
Room 2 “Thrace I”, Grecotel Egnatia, June 22, 2026 | 15:30-16:30
Chair: George Koutromanos, National and Kapodistrian University of Athens, Greece

ID 90 - K-2 Coding: Building Confidence and Creativity
Roger Hill (University of Georgia, USA), Lehong Shi (University of Georgia, USA), Michael Barger (University of Georgia, USA), AnnaMarie Conner (University of Georgia, USA)

ID 104 - Transforming Out-of-classroom STEM Education through Block-Based Coding: Engagement and Learning Outcomes
Hemraj Ramsurrun (University of Mauritius, Mauritius), Roushdat Elaheebocus (University of Mauritius, Mauritius), Aatish Chiniah (University of Mauritius, Mauritius)

ID 122 - Predicting Educational Robotics Competence from Tertiary IT Students’ Cognitive and Digital Skills
Veljko Aleksić (University of Kragujevac, Serbia), Vojislav Vujičić (University of Kragujevac, Serbia), Ivan Milićević (University of Kragujevac, Serbia)

ID 127 - Integrating Educational Robotics and the Internet of Things into Secondary School Science Education: A Weather Station Case Study
Zois Asimakopoulos (CTI Diophantus / National and Kapodistrian University of Athens, Greece), Zacharoula Smyrnaiou (CTI Diophantus / National and Kapodistrian University of Athens, Greece)

TECH-EDU MT3 – Main Track: Artificial Intelligence and Learning Support
Room 2 “Thrace I”, Grecotel Egnatia, June 22, 2026 | 18:00-19:00
Chair: Stelios Hadjidimitriou, Aristotle University of Thessaloniki, Greece

ID 82 - The ARIELS Islands: Designing an AI-Enhanced LMS for Social and Emotional Learning and Self-Regulated Learning
Christina Smaropoulou (University of Crete, Greece), Aikaterini Vasiou (University of Crete, Greece), Ioannis Spantidakis (University of Crete, Greece), George Koutromanos (National and Kapodistrian University of Athens, Greece)

ID 97 - AskMe: An AI-Powered Conversational System for Academic and Administrative Student Support
Anargyros Koutsovasilis (University of the Aegean, Greece), George Koutromanos (National and Kapodistrian University of Athens, Greece), Damianos Gavalas (University of the Aegean, Greece)

ID 98 - HistoryEcho: An AI-Driven Conversational Guide Supporting In-Situ Cultural Learning
Nikolaos Melis (Neticon, Greece), George Koutromanos (National and Kapodistrian University of Athens, Greece), Damianos Gavalas (University of the Aegean, Greece)

ID 125 - Generative AI as a Pedagogical Mediator in Musical Conducting: An Exploratory Study
Erickinson Lima (University of Aveiro, Portugal), João Ferreira-Santos (University of Aveiro, Portugal)

TECH-EDU MT4 – Main Track: Digital Pedagogy and Online Learning
Room 2 “Thrace I”, Grecotel Egnatia, June 23, 2026 | 9:00-10:30
Chair: Mireia Ribera, University of Barcelona, Spain

ID 17 - Social Network Tools in Education: A Case Study in A Pedagogical Training Program
Dimitrios Mantzaris (University of Thessaly, Greece), Vasileios Mellos (University of Thessaly, Greece), Despoina Styla (University of Thessaly, Greece), Sofia Ntamka (University of Thessaly, Greece), Konstantina Voulgari (University of Thessaly, Greece)

ID 42 - Self- and Co-Regulated Learning: Insights from a Distance Higher Education Case Study
Daniela Pedrosa (University of Lisbon, Portugal), Adriano Ferreira (University of Aveiro, Portugal)

ID 52 - The Instructor’s Role in a Hybrid MOOC for Teacher Professional Development
Maria Tsaroucha (Aristotle University of Thessaloniki, Greece)

ID 115 - LEARNSPHERE: A Qualitative Evaluation on an E-Learning Platform for Spreadsheet Skills Development in Higher Education
Rosalina Babo (Polytechnic Institute of Porto, Portugal), Sofia Teixeira (University of Porto, Portugal)

ID 116 - Digital Formative Assessment Tests for Primary Students’ Learning
Nuno Dorotea (University of Lisbon, Portugal), Ana Maricato (University of Lisbon, Portugal), David Rua (University of Lisbon, Portugal)

ID 136 - Generative AI as a Support Tool for Instructional Design in Multimedia Authoring: Insights from Future Educators
Daniela Pedrosa (University of Lisbon, Portugal), Nuno Dorotea (University of Lisbon, Portugal), Ana Pedro (University of Lisbon, Portugal)

TECH-EDU MT5 – Main Track: AI Acceptance, Ethics and Academic Integrity
Room 2 “Thrace I”, Grecotel Egnatia, June 23, 2026 | 12:00-13:30
Chair: Panagiotis Bamidis, Aristotle University of Thessaloniki, Greece

ID 67 - Ethics, Intellectual Property and Digital Literacy: Building a Community of Practice for Responsible AI in Language Education
Spyridoula Plakia (Harokopio University of Athens, Greece), Alexandra Gasparinatou (Harokopio University of Athens, Greece), Chryssa Sofianopoulou (Harokopio University of Athens, Greece)

ID 68 - Technology Acceptance in a Conflict Context: A Mixed Methods Analysis of University Teachers’ Intent to Adopt a RAG-based Teaching Companion
Mohammed Almasri (Norwegian University of Science and Technology, Norway), Ali Shariq Imran (Norwegian University of Science and Technology, Norway), Ahmet Soylu (Kristiania University of Applied Sciences, Norway)

ID 72 - AI and Academic Social Media Use as Moderators of the Academic Self-Efficacy-Competence Satisfaction Link in University Students
Nafsika Antoniadou (University of Ioannina, Greece)

ID 129 - Exploring Differences in GenAI Acceptance and Use in Saudi and UK Universities
Abeer Aziz (King Abdulaziz University, Saudi Arabia), Ahmed Kharrufa (Newcastle University, England), Lei Shi (Newcastle University, England)

ID 139 - Bot or Not? Human Versus AI Writing Through the Lens of Academic Judgement
Shane O Rourke (Munster Technological University, Ireland), Violeta Morari (Munster Technological University, Ireland), Declan Manning (Munster Technological University, Ireland)

TECH-EDU MT6 – Main Track: Professional Development and Learning Design
Room 2 “Thrace I”, Grecotel Egnatia, June 23, 2026 | 14:30-16:00
Chair: Gonçalo Cruz, University of Trás-os-Montes e Alto Douro, Portugal

ID 95 - Future Educators’ Perceptions of Digital Technology Use in The Context of English For Specific Purposes in The After-COVID Era
Charitomeni Giouroglou (Democritus University of Thrace, Greece)

ID 120 - Investigating the views of prospective teachers on the use of ChatGPT in the context of their academic obligations
Pela Stravakou (Democritus University of Thrace, Greece), Archontia Foutsitzi (Democritus University of Thrace, Greece), Parthena Tsobasidou (Democritus University of Thrace, Greece)

ID 140 - From Consensus to Course Design: A Participatory ASPIRE Framework-aligned Approach to Micro-learning for University Educators’ Techno-Pedagogical Competence
Ioanna Dratsiou (Aristotle University of Thessaloniki, Greece), Stathis Konstantinidis (University of Nottingham, England), Panagiotis Bamidis (Aristotle University of Thessaloniki, Greece), Maria Nikolaidou (Aristotle University of Thessaloniki, Greece), Konstantinos Bikos (Aristotle University of Thessaloniki, Greece)

ID 144 - Needs-Driven Design and Evaluation of a Vocational Training Programme for Informal Caregivers
Evangelia Romanopoulou (Aristotle University of Thessaloniki, Greece), Ioanna Dratsiou (Aristotle University of Thessaloniki, Greece), Annita Varella (Aristotle University of Thessaloniki, Greece), Vasiliki Zilidou (Aristotle University of Thessaloniki, Greece), Panagiotis Bamidis (Aristotle University of Thessaloniki, Greece)

ID 174 - Framework Requirement for AI-Supported PLE in Vocational Training
Glória Aplugi (Portuguese Open University, Portugal), Arnaldo Santos (Portuguese Open University, Portugal), José Cravino (University of Trás-os-Montes e Alto Douro, Portugal)

TECH-EDU MT7 – Main Track: STEM Educational Approaches
Room 1 "Samothraki", Grecotel Egnatia, June 23, 2026 | 17:30-19:15
Chair: Tharrenos Bratitsis, University of Western Macedonia, Greece

ID 84 - From Text to Image: Integrating AI-Enabled Design Thinking into the Language Classroom through Paper-First and AI-First Pathways
Tharrenos Bratitsis (University of Western Macedonia, Greece), Eleni Korosidou (University of Western Macedonia, Greece)

ID 130 - Gamified Teaching Approach for the "Indicators - Preparation of Buffer Solutions" Thematic Unit
Maria Liousa (Democritus University of Thrace, Greece), Myronia-Maria Pavlaki (Democritus University of Thrace, Greece), Afroditi Eirini Gavriil (Democritus University of Thrace, Greece), Elisavet-Chrysovalantou Tsiami (Democritus University of Thrace, Greece), Melina Eirini Tsakouridou (Democritus University of Thrace, Greece), Maria-Despoina Papageorgiou (Democritus University of Thrace, Greece), Eleni Apostolidou (Democritus University of Thrace, Greece), Anna Thysiadou (Democritus University of Thrace, Greece)

ID 131 - Implementation of The Project Method for The Innovative Interactive Teaching of The Thematic Unit "Indicators - Preparation of Buffer Solutions"
Myronia-Maria Pavlaki (Democritus University of Thrace, Greece), Maria Liousa (Democritus University of Thrace, Greece), Afroditi Eirini Gavriil (Democritus University of Thrace, Greece), Elisavet-Chrysovalantou Tsiami (Democritus University of Thrace, Greece), Melina Eirini Tsakouridou (Democritus University of Thrace, Greece), Maria-Despoina Papageorgiou (Democritus University of Thrace, Greece), Eleni Apostolidou (Democritus University of Thrace, Greece), Anna Thysiadou (Democritus University of Thrace, Greece)

ID 134 - Nanoscience and Nanotechnology in Early Childhood and Primary Education: A Systematic Review
Aikaterini Karategou (Aristotle University of Thessaloniki, Greece), George Zacharis (Aristotle University of Thessaloniki, Greece)

ID 138 - Exploring Teachers' Acceptance of a Virtual Scanning Electron Microscope within a CSI-Inspired Scenario
Flora Mantelaki (Aristotle University of Thessaloniki, Greece), Eleni Petridou (Aristotle University of Thessaloniki, Greece), Euripides Hatzikraniotis (Aristotle University of Thessaloniki, Greece)

ID 149 - Levels of Mathematical Knowledge in Numbers and Operations: Empirical Evidence in Initial Teacher Training
André Joaquim (University of Trás-os-Montes e Alto Douro, Portugal), Ana Paula Aires (University of Trás-os-Montes e Alto Douro, Portugal), Ana Morais (University of Trás-os-Montes e Alto Douro, Portugal), Paula Catarino (University of Trás-os-Montes e Alto Douro, Portugal)

ID 172 - Board Game-Based Interventions in Elementary Mathematics Education: A Systematic Literature Review
Ana Morais (University of Trás-os-Montes e Alto Douro, Portugal), Caroline Dominguez (University of Trás-os-Montes e Alto Douro, Portugal), André Joaquim (University of Trás-os-Montes e Alto Douro, Portugal), Hélder Sousa (University of Trás-os-Montes e Alto Douro, Portugal), Ana Paula Aires (University of Trás-os-Montes e Alto Douro, Portugal)

TECH-EDU MT8 – Main Track: Interactive Learning Environments
Room 1 “Samothraki”, Grecotel Egnatia, June 24, 2026 | 9:00-10:30
Chair: Paulo Martins, University of Trás-os-Montes e Alto Douro, Portugal

ID 48 - Case Study on Designing and Developing Capture the Flag Scenarios
Willi Lazarov (Brno University of Technology, Czech Republic), Tiina Schafeitel-Tähtinen (Tampere University, Finland), Petr Dzurenda (Brno University of Technology, Czech Republic)

ID 60 - Epigenetics, Neuroplasticity and Object-Oriented Programming Pedagogy: A Bio-Computational Model for Learner Development
Eleftherios Metaxoudis (Ministry of Education, Religious Affairs and Sports, Greece)

ID 123 - Pedagogical Framework for Innovation Centers: Social Robotics, Socio-Scientific Issues, and Embodied Learning
Zacharoula Smyrnaiou (National and Kapodistrian University of Athens, Greece), Martha Georgiou (National and Kapodistrian University of Athens, Greece), Antonios Bouras (National and Kapodistrian University of Athens, Greece)

ID 159 - Robotic Unplugged
Sonja Bleymehl (Ludwigsburg University of Education, Germany)

TECH-EDU MT9 – Main Track: Digital Literacy, Learning Analytics and Curriculum Innovation
Room 1 “Samothraki”, Grecotel Egnatia, June 24, 2026 | 11:00-12:30
Chair: Angelos Markos, Democritus University of Thrace, Greece

ID 28 - Data Literacy in Greek Compulsory Education: Evidence from the DATA-READY National Report
Apostolos Kostas (University of the Aegean, Greece), Stavros Pitsikalis (University of the Aegean, Greece), Ilona-Elefteryja Lasica (University of the Aegean, Greece), Filippos Tzortzoglou (University of the Aegean, Greece), Vasilis Paraschou (University of the Aegean, Greece), George Kritikos (University of the Aegean, Greece)

ID 35 - Digital Carbon Footprint: Raising Awareness - Changing Attitudes among Greek Internet Users
Agoritsa Gogoulou (National and Kapodistrian University of Athens, Greece), Penelope Asimakopoulou (National and Kapodistrian University of Athens, Greece)

ID 128 - Designing a Bi-Directional Evidence-to-Credit Bridge from VET to PGE: Integrating AI-Enabled Skill Matching, Scaffolding Micro-Bridges, and Scenario-Based Learning
Michail Chalaris (Democritus University of Thrace, Greece), Maria Rousi (Democritus University of Thrace, Greece), Kalliopi Kravari (International Hellenic University, Greece)

ID 163 - Identifying At-Risk Students through Early Performance in an Interactive Statistics Textbook
Angelos Markos (Democritus University of Thrace, Greece)

TECH-EDU MT10 – Main Track: Artificial Intelligence and Emerging Technologies in Education
Room 2 “Thrace I”, Grecotel Egnatia, June 24, 2026 | 11:00-12:30
Chair: Vasileios Charisis, Aristotle University of Thessaloniki, Greece

ID 18 - Artificial Intelligence in Intercultural Education: The Case of the “Talk and Learn Greek” Application
Vasilios Sotiroudas (University of Western Macedonia, Greece)

ID 41 - Balancing AI and Foundational Skills in Programming Education: A Case Study of a Staged, Human-Centered Approach
Akif Quddus Khan (Oslo Metropolitan University, Norway), Sheikh Mohammad Idrees (Norwegian University of Science and Technology, Norway), Ahmet Soylu (Kristiania University of Applied Sciences, Norway)

ID 31 - Developing an AI-Powered LCNC Tool for Detecting Linguistic Sexism in Greek Educational Textbooks
Dialekti Athina Voutyrakou (National and Kapodistrian University of Athens, Greece), Spyridon Tsoukalas (Ionian University, Greece), Iosif Polenakis (Ionian University, Greece), Patrick Mikalef (Norwegian University of Science and Technology, Norway), Constantine Skordoulis (National and Kapodistrian University of Athens, Greece), Gianna Katsiampoura (National and Kapodistrian University of Athens, Greece)

ID 143 - Blockchain in Education: Applications and Adoption Challenges - A Systematic Literature Review
Rita Amaral Santos (University of Aveiro, Portugal), Ciro Martins (University of Aveiro, Portugal), Hélder Gomes (University of Aveiro, Portugal), Fernando Costa (University of Aveiro, Portugal), Cármen Guimarães (University of Aveiro, Portugal), Joana Almeida (University of Aveiro, Portugal), Pedro Colarejo (LOAD Interactive, Portugal)

ID 169 - A Unified Measure for a Fragmented Landscape: The MAGIS for Academic Generative AI Involvement: Scale Development and Psychometric Validation in Higher Education
Theano Papioti (Democritus University of Thrace, Greece), Constantinos Kokkinos (Democritus University of Thrace, Greece)

TECH-EDU ST1 – Special Track: Virtual Frontiers: Exploring Immersive Learning with AR and VR (iVFront)
Room 3 “Thrace II”, Grecotel Egnatia, June 22, 2026 | 15:30-16:30
Chairs: Daniela Pedrosa (University of Lisbon, Portugal), Nuno Dorotea (University of Lisbon, Portugal)

ID 58 - Designing and Piloting a Six-Module AR/VR Professional Development Programme for Vocational Teachers: Evidence from the Erasmus+ KA220-VET Project “The Power of AR and VR”
Celestino Magalhães (Piaget Institute, Portugal), Rita Barros (Piaget Institute, Portugal)

ID 61 - Exploring No-Code AR Authoring in Teacher Education: Artifacts created by Pre-Service Teachers
Antonis Natsis (University of Ioannina, Greece), Michael Delimitros (University of Ioannina, Greece), Tassos Mikropoulos (University of Ioannina, Greece)

ID 162 - Spatial thinking in immersive environments. An umbrella review in the education context
Eirini Tsetsiou (Democritus University of Thrace, Greece), Sofia Hadjileontiadou (Democritus University of Thrace, Greece)

ID 164 - Definition of A Workflow for Co-Creation Immersive Web Environment
Bárbara Cleto (Polytechnic Institute of Porto, Portugal)

TECH-EDU ST2 – Special Track: Authentic Learning with Educational Robotics: Preparing Learners for the New Digital Era
Room 3 “Thrace II”, Grecotel Egnatia, June 23, 2026 | 12:00-13:30
Chairs: Anthi Karatrantou (University of Patras, Greece), Sofia Hadjileontiadou (Democritus University of Thrace, Greece), Christos Panagiotakopoulos (University of Patras, Greece)

ID 40 - From Sensors to Intelligence: A Design Framework for AI-Enhanced Educational Robotics for Pre-service Teachers
Simos Anagnostakis (University of Crete, Greece), Nikos Kapelonis (University of Crete, Greece)

ID 89 - Use of Wheeled Robots in Primary Education: Students' Insights
Ioannis Kyriazopoulos (National and Kapodistrian University of Athens, Greece), George Koutromanos (National and Kapodistrian University of Athens, Greece), Apostolia Galani (National and Kapodistrian University of Athens, Greece), Aggeliki Voudouri (National and Kapodistrian University of Athens, Greece), Nikolaos Larios (National and Kapodistrian University of Athens, Greece)

ID 101 - Insights into Computational Thinking Transferability Across Heterogeneous Educational Robots. An Exploratory Study
Ioannis Kapsidis (Democritus University of Thrace, Greece), Sofia Hadjileontiadou (Democritus University of Thrace, Greece)

ID 166 - Enhancing Science Education Through Physical Computing: Hooke’s Law Experiment with BBC Micro:bit
Elina Karagiannidou (Aristotle University of Thessaloniki, Greece), Aristotelis Gkiolmas (Aristotle University of Thessaloniki, Greece)

ID 176 - Tools for Assessing Primary School Teachers’ Literacy in Educational Robotics. A Systematic Review
Anthi Karatrantou (University of Patras, Greece), Vassiliki Giannoula (University of Patras, Greece), Christos Panagiotakopoulos (University of Patras, Greece)

ID 179 - Pre-Service Primary School Teachers and Their Acceptance of Educational Robotics
Anthi Karatrantou (University of Patras, Greece), George Panetas (University of Patras, Greece), Christos Panagiotakopoulos (University of Patras, Greece)

TECH-EDU ST3A – Special Track: Conversational AI Assistants in Education: Opportunities, Challenges, and Ethical Dilemmas
Room 3 “Thrace II”, Grecotel Egnatia, June 23, 2026 | 14:30-16:00
Chairs: Yannis Dimitriadis (University of Valladolid, Spain), Stavros Demetriadis (Aristotle University of Thessaloniki, Greece), Kyparisia Papanikolaou (School of Pedagogical and Technological Education, Greece)

ID 33 - The EdGPT Gap: Implementation and Transparency in Educational GenAI Platforms
Maria Moundridou (School of Pedagogical and Technological Education, Greece), Nikolaos Matzakos (School of Pedagogical and Technological Education, Greece)

ID 75 - Towards a multi-agent GenAI architecture to support ethics education: A human-centered design process
Yannis Dimitriadis (University of Valladolid, Spain), Claudio Álvarez (University of the Andes, Colombia), Gustavo Zurita (University of Chile, Chile), Victor Alonso-Prieto (University of Valladolid, Spain), Agustin Ballivian (University of the Andes, Colombia), Francisco Almeida (University of Chile, Chile)

ID 85 - Teachers as Designers of GenAI Tutors: Misconceptions and Prompt Criteria for Constructivist Conversational Assistants in Secondary History Education
Marianthi Grizioti (National and Kapodistrian University of Athens, Greece)

ID 86 - Leveraging a Customized AI-Chatbot for Formative Feedback on German as a Foreign Language Writing: A Secondary Classroom Case Study
Vasiliki Foteinopoulou (University of Thessaly, Greece), Ilias Karasavvidis (University of Thessaly, Greece)

ID 99 - Critical Dimensions of Cultural Literacy in Generative AI: Revisiting Stereotypes of Contemporary Greek Culture through Culturally Relevant Prompts
Vasiliki Letsiou (University of West Attica, Greece), Eleni Vlachogianni (University of West Attica, Greece), Katerina Makri (University of West Attica, Greece)

ID 107 - Integration of Social Cues and Presence in the Design of Pedagogical Agents: A Scoping Review
Chrysanthi Bekiari (Aristotle University of Thessaloniki, Greece), Stavros Demetriadis (Aristotle University of Thessaloniki, Greece)

TECH-EDU ST3B – Special Track: Conversational AI Assistants in Education: Opportunities, Challenges, and Ethical Dilemmas
Room 3 “Thrace II”, Grecotel Egnatia, June 23, 2026 | 17:30-19:15
Chairs: Yannis Dimitriadis (University of Valladolid, Spain), Stavros Demetriadis (Aristotle University of Thessaloniki, Greece), Kyparisia Papanikolaou (School of Pedagogical and Technological Education, Greece)

ID 108 - Design and Evaluation of a Conversational Agent for Developing the Skill of Prompting
Anastasia Tsarchopoulou (Aristotle University of Thessaloniki, Greece), Stavros Demetriadis (Aristotle University of Thessaloniki, Greece)

ID 111 - Dialogic Engagement with Conversational AI Assistants: Interactional Practices and Pedagogical Decision-Making
Bessie Mitsikopoulou (National and Kapodistrian University of Athens, Greece)

ID 112 - Who Designs the Lesson? Teacher Agency in the Era of AI Lesson Planning
Symeon Retalis (University of Piraeus, Greece), Georgios Lampropoulos (University of Piraeus, Greece)

ID 137 - Integrating AI Conversational Assistants as Inquiry-Facilitators in Dramaturgical Analysis
Athina Gkaitatzi (University of West Attica, Greece), Kyparisia Papanikolaou (School of Technological and Pedagogical Education, Greece)

ID 145 - A Prompt-Controlled Socratic Conversational LLM Assistant for Physics Problem Solving: A Qualitative Analysis of Pedagogical Functionality
Antonios Matsigkos (University of the Aegean, Greece), Georgios Kritikos (University of the Aegean, Greece), Angelique Dimitracopoulou (University of the Aegean, Greece)

ID 150 - On Evaluation of Conversational AI Learning Assistants
Nikolaos Avouris (University of Patras, Greece), Zisis Manouskos (University of Patras, Greece)

ID 152 - Beyond the Novelty: Developing AI Literacy in Teacher Education Through Lesson Plan Design with Conversational AI
Iro Voulgari (University of Peloponnese, Greece), Maria Sfyroera (National and Kapodistrian University of Athens, Greece)

TECH-EDU ST4 – Special Track: Digital Games and Gamification in Learning Environments
Room 3 “Thrace II”, Grecotel Egnatia, June 23, 2026 | 9:00-10:30
Chairs: George Koutromanos (National and Kapodistrian University of Athens, Greece), Sofia Hadjileontiadou (Democritus University of Thrace, Greece)

ID 148 - Navigating Westminster: An Educator-Centered Evaluation of an Educational Game for Academic Orientation
Vassiliki Bouki (University of Westminster, England), Daphne Economou (University of Westminster, England), Thanos Fragkandreas (University of Westminster, England), Frands Pedersen (University of Westminster, England)

ID 154 - Using Minecraft as a Game-Based Platform for Learning Statistics: A Cross-Country Study with Higher Education Students from Croatia and Greece
Ana Mirković Moguš (Josip Juraj Strossmayer University of Osijek, Croatia), Anthi Karatrantou (University of Patras, Greece)

ID 158 - Pre-Service Teachers as Designers of Location-Based Games: Motivations, Challenges, and Support Needs
George Koutromanos (National and Kapodistrian University of Athens, Greece), Ioannis Vrellis (National and Kapodistrian University of Athens, Greece), Nikolaos Larios (National and Kapodistrian University of Athens, Greece), Tryfon Sivenas (National and Kapodistrian University of Athens, Greece), Georgios Georgiadis (National and Kapodistrian University of Athens, Greece), Ioannis Kyriazopoulos (National and Kapodistrian University of Athens, Greece)

ID 167 - Exploring Data Literacy Potentiality in Primary Education in the era of AI. The case of the Datacy Serious Game Prototype
Eleni Vazakidou (Democritus University of Thrace, Greece), Sofia Hadjileontiadou (Democritus University of Thrace, Greece)

ID 178 - Enhancing Corporate KM Training through Tabletop Games
Krsna Gusmão (Federal University of Rio de Janeiro, Brazil), Mateus Espanha (Federal University of Rio de Janeiro, Brazil), Carlos Eduardo Barbosa (Federal University of Rio de Janeiro, Brazil), Matheus Argôlo (Federal University of Rio de Janeiro, Brazil), Lucas Nóbrega (Federal University of Rio de Janeiro, Brazil), Luiz Felipe Martinez (Federal University of Rio de Janeiro, Brazil), Luis Costa (NUCLIO, Portugal), Geraldo Xexéo (Federal University of Rio de Janeiro, Brazil), Jano Moreira de Souza (Federal University of Rio de Janeiro, Brazil)

TECH-EDU ST5 – Special Track: GenAI Beyond Hype: Evidence-Based, Transparent, and Reproducible Practices for Teaching, Learning, and Assessment
Room 3 “Thrace II”, Grecotel Egnatia, June 24, 2026 | 9:00-10:30
Chairs: Erickinson Lima (University of Aveiro, Portugal), Ana Rita Costa (University of Aveiro, Portugal), António Pedro Costa (University of Aveiro, Portugal), Ana Balula (University of Aveiro, Portugal)

ID 55 - Application of The Montessori Approach in Foreign Language Teaching with AI Tools
Giedre Valunaite Oleskeviciene (Mykolas Romeris University, Lithuania), Olivia Chirobocea-Tudor (Ovidius University of Constanta, Romania), Dalia Gulbinskienė (Vilnius Gediminas Technical University, Lithuania), Akvilė Šimėnienė (Vilnius Gediminas Technical University, Lithuania)

ID 57 - Theoretical assumptions of technology-based self-directed learning in online digital environments
Miglė Parachnevičienė (Mykolas Romeris University, Lithuania), Giedre Valunaite Oleskeviciene (Mykolas Romeris University, Lithuania), Guilhermina Lobato Miranda (University of Lisbon, Portugal), António Faria (University of Lisbon, Portugal), Vilija Gerasimovičienė (Mykolas Romeris University, Lithuania), Margarida Sampaio (University of Lisbon, Portugal)

ID 103 - AI-Generated Refutation Texts: Readability Challenges in Physics Education
Konstantinos Sofronidis (Democritus University of Thrace, Greece), Anastasios Zoupidis (Democritus University of Thrace, Greece)

ID 119 - Sentiments Toward ChatGPT in Higher Education: A Computational Analysis of Student and Educator Discourse Across Social Platforms
Omiros Iatrellis (University of Thessaly, Greece), Theodor Panagiotakopoulos (University of Patras, Greece), Ioanna Kosmopoulou (University of Thessaly, Greece), Nicholas Samaras (University of Thessaly, Greece)

ID 135 - Students’ Attitudes Towards Language Games in Digital Environments
Giedre Valunaite Oleskeviciene (Mykolas Romeris University, Lithuania), Olga Nosova (Mykolas Romeris University, Lithuania), Albertas Juodeika (Mykolas Romeris University, Lithuania), Liudmila Mockiene (Mykolas Romeris University, Lithuania), Ana Balula (University of Aveiro, Portugal)

TECH-EDU ST6 – Special Track: Revisiting Multiliteracies in the Age of Power Imbalances, Algorithms, and AI
Room 3 “Thrace II”, Grecotel Egnatia, June 22, 2026 | 18:00-19:00
Chairs: Liudmila Shafirova (University of Aveiro, Portugal), Ana Rita Costa (University of Aveiro, Portugal)

ID 102 - How Much Digital Is a Lesson? Mapping the Use of Digital Resources in Lesson Planning during Student-Teachers’ Multiliteracies-Oriented Internship
Katerina Alexandri (Democritus University of Thrace, Greece), Efthymia Penderi (Democritus University of Thrace, Greece)

ID 105 - Revisiting Multiliteracies in the Age of Social Media, Algorithms, and AI
Liudmila Shafirova (University of Aveiro, Portugal)

ID 142 - From Multiliteracies to AI-Oriented Literacies - A Comparative Case Study in Higher Education
Ana Rita Costa (University of Aveiro, Portugal), Ana Balula (University of Aveiro, Portugal)

ID 146 - Pre-Service Teachers’ Views on Using an Artificial-Intelligence-Supported Platform for Writing Instruction
Madalena Teixeira (University of Aveiro, Portugal), Mariana Martins (University of Aveiro, Portugal), Mariana Ferraz (University of Aveiro, Portugal)

TECH-EDU ST7 – Special Track: Mathematics Education, Digital Technologies and AI
Room 2 “Thrace I”, Grecotel Egnatia, June 23, 2026 | 17:30-19:15
Chairs: Charalampos Sakonidis (Democritus University of Thrace, Greece), Anna Klothou (Democritus University of Thrace, Greece), Sofia Hadjileontiadou (Democritus University of Thrace, Greece)

ID 38 - Prospective Mathematics Teachers’ Evaluation of ChatGPT-Generated Mathematical Proofs: Implications for Teaching
Nikolaos Metaxas (National Kapodistrian University of Athens, Greece), Chrissavgi Triantafillou (National Kapodistrian University of Athens, Greece)

ID 51 - Cognitive Engagement with Generative AI Chatbots During Exam Preparation: An ICAP Analysis in Undergraduate Mathematics
Nikolaos Matzakos (School of Pedagogical and Technological Education, Greece), Maria Moundridou (School of Pedagogical and Technological Education, Greece)

ID 88 - Designing with Generative AI: An Empirical Study of Mathematics Teacher Educators’ Practices
Dimitris Diamantidis (National Kapodistrian University of Athens and Ministry of Education, Greece)

ID 96 - Latent Profiles of Primary School Teachers’ Attitudes Toward Pedagogical Implication of Artificial Intelligence in Mathematics: Associations with Mathematics Teaching Efficacy, VARK Preferences, Teaching Confidence, and Demographic Characteristics
Garyfalia Charitaki (University of Thessaly, Greece), Stergiani Giaouri (University of Western Macedonia, Greece), Anastasia Alevriadou (Aristotle University of Thessaloniki, Greece)

ID 110 - Developing a Professional Learning Community to Support the Pedagogical Integration of Artificial Intelligence in Mathematics Teaching in Special Preschool Education: An Action Research Approach
Garyfalia Charitaki (University of Thessaly, Greece), Ioannis Rizos (University of Thessaly, Greece), Maria Kypriotaki (University of Crete, Greece)

ID 113 - Mechanisms and Contexts of Teaching and Learning Transposition in Dynamic Geometry Environments: Insights from a Multiple-Case Analysis
Anna Klothou (Democritus University of Thrace, Greece), Sofia Hadjileontiadou (Democritus University of Thrace, Greece)

ID 156 - Utilizing an AI Language Model to Identify Misconceptions in Equations
Anna Klothou (Democritus University of Thrace, Greece), Dimitrios Doudis (Democritus University of Thrace, Greece)

TECH-EDU ST8 – Special Track: Sustainable Innovation in Digital Education (SIDE)
Room 3 “Thrace II”, Grecotel Egnatia, June 22, 2026 | 12:30-13:30
Chairs: Margarida Pinheiro (University of Aveiro, Portugal), Ana Torres (University of Aveiro, Portugal)

ID 71 - Open Digital Platforms for Entrepreneurship Learning as Catalysts of Sustainable Innovation in Digital Education: Insights from an Erasmus+ Project
Margarida Pinheiro (University of Aveiro, Portugal), Graça Azevedo (University of Aveiro, Portugal), Ana Torres (University of Aveiro, Portugal), Maria Fátima Borges (University of Aveiro, Portugal), Jonas Oliveira (ISCTE University Institute of Lisbon, Portugal)

ID 74 - Gender Effects on Audit Opinions: Empirical Evidence from Portuguese Companies
Graça Azevedo (University of Aveiro, Portugal), Jonas Oliveira (ISCTE University Institute of Lisbon, Portugal), Maria Fátima Borges (University of Aveiro, Portugal), Ana Torres (University of Aveiro, Portugal), Margarida Pinheiro (University of Aveiro, Portugal), Ana Vidal (University of Aveiro, Portugal)

ID 81 - Entrepreneurial, Transversal and Digital Competences for Solopreneurship in Higher Education: Evidence from the SELF Project
Ana Torres (University of Aveiro, Portugal), Margarida Pinheiro (University of Aveiro, Portugal), Graça Azevedo (University of Aveiro, Portugal), Jonas Oliveira (ISCTE University Institute of Lisbon, Portugal), Maria Fátima Borges (University of Aveiro, Portugal)

ID 151 - From Experience to Enactment: A Theoretical Framework for Extended Experiences Grounded in Place, Heritage, and Orchestration
João Ferreira-Santos (University of Aveiro, Portugal), Lúcia Pombo (University of Aveiro, Portugal)

TECH-EDU ST9 – Special Track: Artificial Intelligence in Education
Room 2 “Thrace I”, Grecotel Egnatia, June 24, 2026 | 9:00-10:30
Chair: Dennis Paulino, University of Trás-os-Montes e Alto Douro, Portugal

ID 124 - AI-Supported Mock Interviews in an Educational Research Methods Course: An Exploratory Study
Ioanna Vekiri (European University Cyprus, Cyprus)

ID 133 - Mapping the Impact of Artificial Intelligence in Higher Education Students' Critical Thinking and Academic Performance
Pela Stravakou (Democritus University of Thrace, Greece), Parthena Tsobasidou (Democritus University of Thrace, Greece), Archontia Foutsitzi (Democritus University of Thrace, Greece)

ID 160 - SCORE Platform: An Educational Collaborative Gamification Solution
Jacinta Barros (University of Trás-os-Montes e Alto Douro, Portugal), Tiago Pinto (University of Trás-os-Montes e Alto Douro, Portugal), Tânia Rocha (University of Trás-os-Montes e Alto Douro, Portugal), Arsénio Reis (University of Trás-os-Montes e Alto Douro, Portugal), José Cravino (University of Trás-os-Montes e Alto Douro, Portugal)

ID 161 - High-Education Performance Data Collection Analysis: A UTAD Case Study
Gonçalo Araújo (University of Trás-os-Montes e Alto Douro, Portugal), Igor Freitas (University of Trás-os-Montes e Alto Douro, Portugal), Tiago Pinto (University of Trás-os-Montes e Alto Douro, Portugal), Eduardo Pires (University of Trás-os-Montes e Alto Douro, Portugal), Arsénio Reis (University of Trás-os-Montes e Alto Douro, Portugal)

ID 171 - Evaluation of Students’ Procrastination Behavior using their LMS Quality of Interaction and Academic Outcomes
Abdulrahman Awad (Khalifa University, United Arab Emirates), Sofia Dias (University of Lisbon, Portugal), Sofia Hadjileontiadou (Democritus University of Thrace, Greece), Maria Domingues (Khalifa University, United Arab Emirates), Leontios Hadjileontiadis (Khalifa University, United Arab Emirates)

ID 180 - Integrating DigComp 3.0 within the Citizen Learning Journey for AI: A Layered Pedagogical and Assessment Framework
Luis Costa (NUCLIO, Portugal), Carlos Eduardo Barbosa (Federal University of Rio de Janeiro, Brazil), Tiago Pinto (University of Trás-os-Montes e Alto Douro, Portugal), Eduardo Nunes (University of Trás-os-Montes e Alto Douro, Portugal), Matheus Argôlo (Federal University of Rio de Janeiro, Brazil), Geraldo Xexéo (Federal University of Rio de Janeiro, Brazil)

TECH-EDU ST11 – Special Track: GenAI as Tool and Agent in SM&T Education: The Role of the Teacher in the Context of New Instrumental Orchestration Conception
Room 3 “Thrace II”, Grecotel Egnatia, June 24, 2026 | 11:00-12:30
Chairs: J. Bernardino Lopes (University of Trás-os-Montes e Alto Douro, Portugal), Cecília Costa (University of Trás-os-Montes e Alto Douro, Portugal)

ID 16 - An AI-Powered LCNC Tool for Developing Inclusive Educational Robotics Activities to Foster Gender Equality
Spyridon Tsoukalas (Ionian University, Greece), Dialekti Athina Voutyrakou (National and Kapodistrian University of Athens, Greece), Gianna Katsiampoura (National and Kapodistrian University of Athens, Greece), Constantine Skordoulis (National and Kapodistrian University of Athens, Greece), Iosif Polenakis (Ionian University, Greece), Patrick Mikalef (Norwegian University of Science and Technology, Norway)

ID 80 - Critical Use of Generative Artificial Intelligence in Chemistry Education: A Study About Prompt Engineering Strategies
Gildo Girotto Junior (State University of Campinas, Brazil), Guilherme Gonçalves Costa (State University of Campinas, Brazil), Feliphe Cristiano Belluci (State University of Campinas, Brazil), Cidália André (University of Porto, Portugal), Carla Morais (University of Porto, Portugal)

ID 91 - Learning Physics at University with Generative AI: Instrumental Orchestration, Task Design and Epistemic Dialogue
J. Bernardino Lopes (University of Trás-os-Montes e Alto Douro, Portugal)

ID 93 - From “Whether” to “How”: Integrating GenAI in an Epistemically Productive Way in Linear Algebra
J. Bernardino Lopes (University of Trás-os-Montes e Alto Douro, Portugal), Cecília Costa (University of Trás-os-Montes e Alto Douro, Portugal)

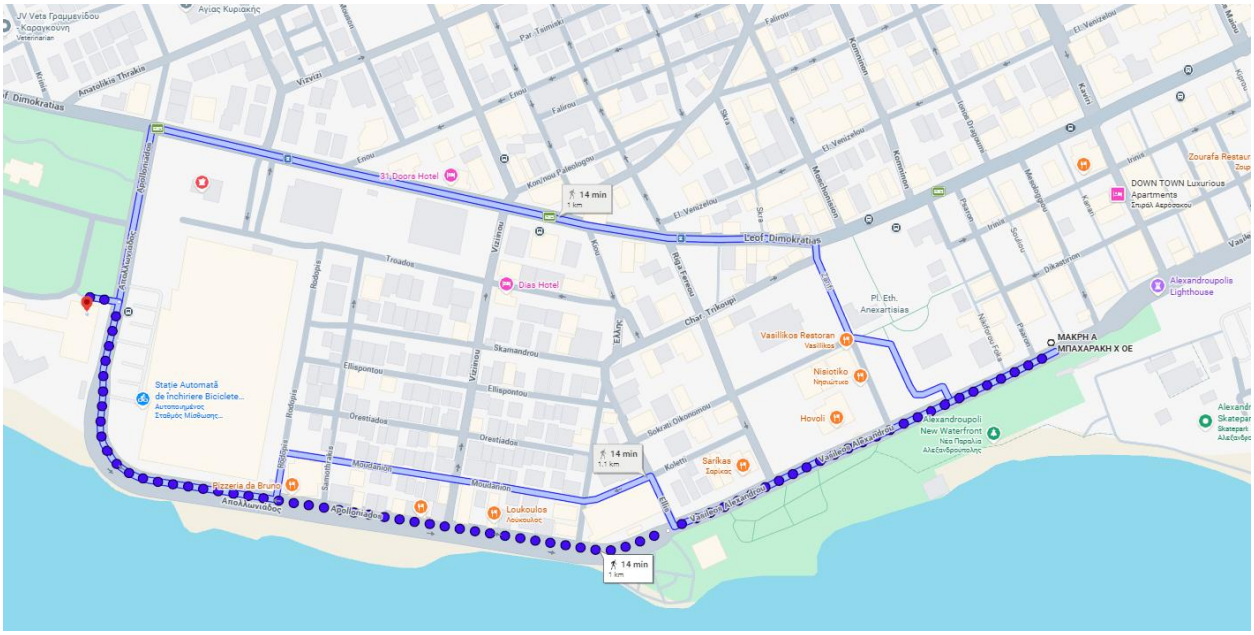
ID 94 - Epistemic openness in OER for visual programming: design of a 50-hour workshop
Gustavo de Carvalho (University of Trás-os-Montes e Alto Douro, Portugal), Benjamim Fonseca (University of Trás-os-Montes e Alto Douro, Portugal), J. Bernardino Lopes (University of Trás-os-Montes e Alto Douro, Portugal)

Welcome Reception

Nomarcheio, June 22, 2026 | 20:00-22:30

The welcome reception will take place at the “Nomarcheio” hall, on the seafront promenade of Alexandroupolis.

Location: https://maps.app.goo.gl/J5ojCqgyeNuT4zKg6



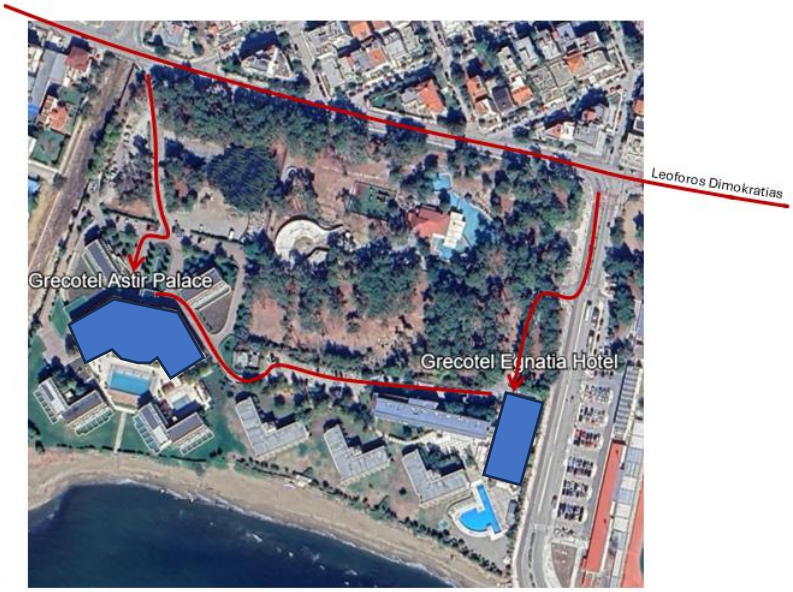
Gala Dinner

Grecotel Egnatia, June 23, 2026 | 20:30-00:30

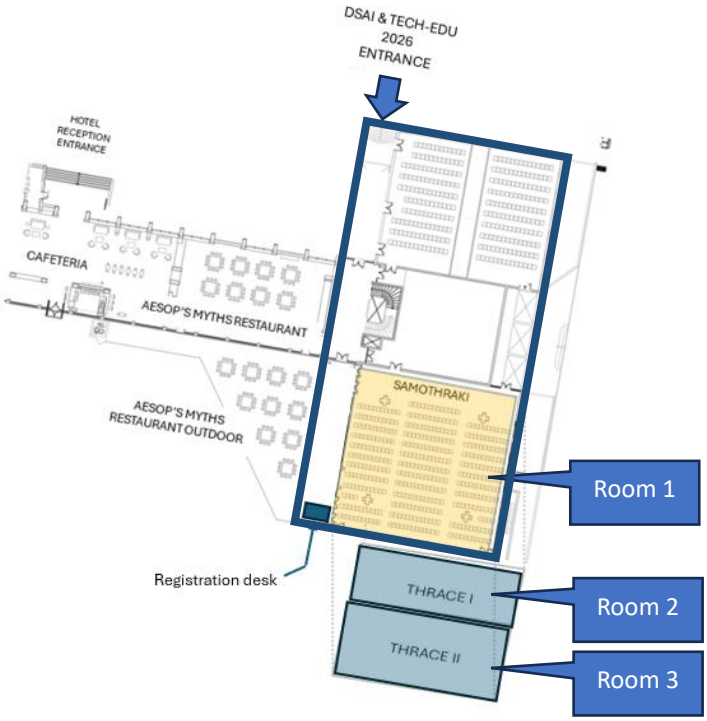
The Gala Dinner will take place at the Grecotel Egnatia, the main venue of the conferences.

Venue

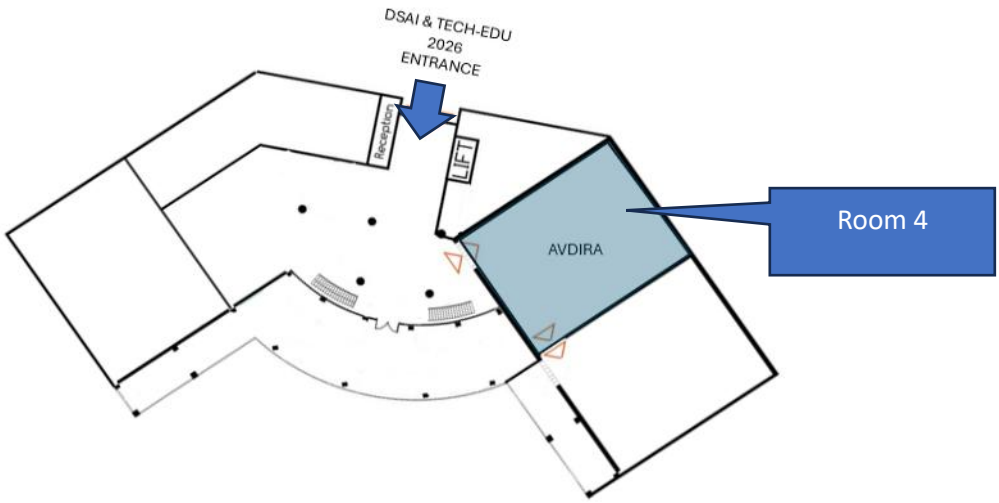
Grecotel Complex



Grecotel Egnatia (Main Venue)
Location: https://maps.app.goo.gl/DCnDRNRAwLRJmAf6A



Grecotel Astir (Workshops Venue)
Location: https://maps.app.goo.gl/VYMfzDnaPxSzEMXB8



Additional Information
Light lunch and coffee breaks will be served at the Aesop's Myths Restaurant, located on the ground floor of the Grecotel Egnatia.

WiFi Connection
Network: Grecotel
Password: ahoteltolive

Delegate badges and conference materials can be picked up from the registration desk at the Grecotel Egnatia, ground floor.

Contact Information
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