7TH EXPERIMENT@ INTERNATIONAL CONFERENCE



http://expat.org.pt/expat25/



ONLINE EXPERIMENTATION

University of the Azores | Faial, Azores, Portugal 3 to 5 September 2025

MESSAGE FROM expat'25

We are pleased to welcome all participants to the 7th Experiment@ International Conference - <u>expat'25</u>, which is organized by the <u>University of the Azores</u> with the collaboration of the <u>University of Coimbra</u> and the <u>University of Porto</u>, Portugal and will be held at the Azores Marine School, September 3-5, 2025, Horta, Faial Island, Azores, Portugal.

expat'25 continues the biennial series dedicated to online experimentation, with its relevance further enriched by the emergence of AI and the principles of Industry 5.0. The event contributes to expanding global capabilities in immersive technologies and fosters interdisciplinary collaboration among engineers, researchers, and professionals from diverse fields.

expat'25 will run for three days (plus pre- and post-conference days), providing a forum of discussion and collaboration between academics, researchers industry and medicine professionals, trying to bridge the gap between academic applications and real-world needs and experiences. It offers the participants an opportunity to present their recent work and to take part in technical sessions, workshops, exhibition sessions, discussion tables and thematic visits to nature and adventure

Enjoy expat'25!

Hélia Guerra, Luís Mendes Gomes, Alberto Cardoso and Teresa Restivo

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The island of Faial is one of the islands in the central group of the Azores, which is an island territory of Portugal. It's the blue island – the colour of Hydrangea. The Faial is round, docile and like a giant turtle its geographical shape suggests to the eye. It can be seen from the top of Cabeço Gordo, where the Caldeira, the island's mother, is located.

From its city of <u>Horta</u>, you can see the bay, the live sea of the Canal, <u>Pico</u> right in front and <u>São Jorge</u> on the rise line. Scenery of a dream that moves within and around us, the mountain belongs to the island of Pico; but only Faial contemplates the mimicry, the continuous metamorphosis of his presence. Horta is on every itinerary and dream — and both on Porto maps and on the imaginary routes of those who follow the Atlantic winds.

Adapted from Açores, O Segredo das Ilhas, João de Melo



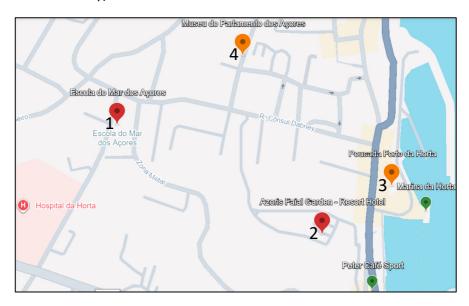
Hydrangeas in Caldeira, Faial Island, with a view of Pico Island

CONFERENCE TOPICS

- Online Experimentation
- Remote & Virtual Labs
- Remote Sensing
- Remote Monitoring & Mobile Sensing
- Geoinformatics & Hydroinformatics
- Agriculture 5.0
- Smart Cities and Smart Societies
- Environment Monitoring
- Contributions for Sustainability
- Industry 5.0
- Augmented, Virtual, and Mixed Reality
- Haptic Interfaces & Augmented Feedback
- Gamification & Serious Games
- Intelligent Systems
- Collaborative Environments & Tools
- Online Training Systems
- Collaborative & Soft Robotics
- Human-Computer Interaction
- Volunteered Geographic Information
- Generative AI
- High-Performance Computing
- Education 5.0
- E-Health & E-Rehab
- Cointelligence
- Spatial computing

CONFERENCE VENUE

expat'25 conference will take place at "Escola do Mar dos Açores" (EMA) located in the city of Horta (Complex of the Former Horta Naval Radio Station, Rua Jaime Lopes), on Faial island, Azores and the welcome reception of participants will be held at the "Azoris Faial Garden" hotel (Rua Cônsul Dabney).



1 – Escola do Mar dos Açores (see location <u>here</u>)



2 - Azoris Faial Garden - Resort Hotel (see location here)



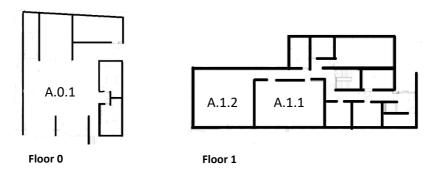
3 — Restaurant Sal & Pico Conference Dinner (see location <u>here</u>)







Escola do Mar dos Açores (EMA) - Conference rooms



expat'25 Programme:

Tuesday, September 2, 2025 (Pre-Conference)				
Activity Place Time				
Pagistration	EMA	09:00		
Registration	Porto Block	17:00		
Tue 1 A Develle Astivitus "Live marine research labe"	EMA	09:30		
Tue1A Parallel Activity: "Live marine research labs"	Porto Block	12:30		
Tue1B Parallel Activity: "Hands-on marine activities"	EMA	09:30		
	Porto Block	12:30		
Lunch	EMA	12:30		
Lunch	Porto Block	14:00		
Tue2A Parallel Activity: "Live marine research labs"	EMA	14:00		
Tueza Parallel Activity. Live marine research labs	Porto Block	17:30		
Tue2P Parallel Activity "Hands on marine activities"	EMA	14:00		
Tue2B Parallel Activity: "Hands-on marine activities"	Porto Block	19:00		

EMA – Porto Block (see location here).

Live marine research labs: Guided technical visits to the **Deep-sea Lab** and **AQUALAB** of the **OKEANOS** Institute of the University of the Azores, as well as the **Live Fish Station-Porto Pim Aquarium**, showcasing active marine research and instrumentation in real-world settings.

Hands-on marine activities: Participate in a range of activities, including Discover Scuba Diving for beginners, fun dives for certified divers, ROV operation to explore deep-sea ecosystems, and a traditional whaleboat tour along the coast (Tue2B).

Wednesday, September 3, 2025 (Conference)			
Activity	Place	Time	
Registration	EMA - expat'25 entrance	8:30 18:30	
Wed1 – Opening Session	EMA - Room A.0.1	9:00 9:30	
Wed2 – Plenary Session I: "Digital Twin Technologies for Smart and Sustainable Factories" Erwin Rauch (Free University of Bolzano, Italy) Chairs: Alexandre Kist and Paulo Menezes	EMA - Room A.0.1	9:30 10:30	
Coffee-break	EMA - Atrium	10:30 11:00	
Wed3A – Parallel Session: "Systems for Health & Rehab" • Chais: Wlodek J. Kulesza and Ricardo Vardasca • Papers: #18, #38, #48, #54, #74, #57 #18 – Pointwise Reliability Assessment Cláudio Correia, Simão Paredes, Jorge Henriques, Teresa Rocha and Lino Gonçalves #38 – Implementation of Collaborative Robots in Stroke Rehabilitation: a preliminary study on force and position/velocity control Paulo Abreu, Maria Teresa Restivo and Helena Sousa # 48 – Remote Breathing for Cardiac Coherence: A Pilot Study			
on Its Effects on Relaxation, Emotional Experience, and Interoception Silvia Francesca Maria Pizzoli, Luana Amadini Genovese, Stefano Triberti and Giuseppe Riva	EMA - Room A.0.1	11:00 13:00	
#54 – Integrating Heart Rate Metrics and Self-Reported Data in Lifestyle Research Cristiana Azevedo, Daniela Rodrigues and Alberto Cardoso			
#74 – Performance of the LLMs in the Diagnostic and Medical Treatment Diago Sousa, Guilherme Barbosa, Catarina Rocha and Dulce Oliveira			
# 57 - Comparative Analysis of ExerGame Technologies for Balance Board Training: Game Mechanic/Dynamics, and Educational Applications Oleksandr Blazhko, Asan Volkov and Stanislav Marulin			

Wednesday, September 3, 2025 (Conference)		
Activity	Place	Time
Activity Wed3B - Parallel Session: "Al-Powered Solutions for Smart and Green Urban Development (Al-PSSGUD'25 Special Session) • Chais: Manuel Rodrigues and Cidália Fonte • Papers: #25, #59, #60, #61, #62, #70 #25 - Enhancing Computer Science Education with Machine Learning Omar Castrillon and Paulo Novais #59 - Transforming Urban Management: Implementing a Data- Driven Smart City Platform - Guimarães PIUG Ricardo Machado, Francisco S. Marcondes, Sérgio Gonçalves and Manuel Rodrigues #60 - Intelligent Traffic Management using anonymized trajectory data for personal multimodal commuting recommendations Clemens Westerkamp, Jona Gielians, Tim Seidel and Marco Schaarschmidt #61 - Comparative Study of Object Detection Models for Automotive In-Vehicle Environments Diana Ferreira, Cristiana Neto, Ana Santos, Carlos Ferreira, Duarte Fernandes and José Machado	•	11:00 13:00
#62 – Enhancing Shared Vehicle Management with Al: A Study on Interior Damage Detection Models Sandra Dixe, Cátia Loureiro, Beatriz Miranda, Diana Ferreira, Tiago Aston, Duarte Fernandes and Hugo Peixoto		
#70 – Al-Driven Exterior Damage Assessment for Shared Vehicle Systems: A Benchmarking Study of Segmentation and Detection Models Cátia Loureiro, Sandra Dixe, Hugo Baptista, Cristiana Neto, Tiago Aston and Duarte Fernandes		
Lunch	EMA - Atrium	13:00 14:00

Wednesday, September 3, 2025 (Conference)		
Activity	Place	Time
Wed4A – Parallel Session: "Education 5.0" • Chais: Horácio Fernandes and Diana Urbano • Papers: #80, #82, #88, #98, #101 #80 – Improving the curriculum of IT Foundations course for Estonian and International Non-IT Students at Tallinn University of Technology Aleksandr Kormiltsyn and Olga Mironova #82 – Can we help them better? Planning an Intervention with the Support of a Learning Analytics Dashboard Jordi Cuadros, Vanessa Serrano, Unai Hernández-Jayo, Javier Garcia-Zubia, Laura Fernandez-Ruano and Judith Báguena #88 – Augmented Reality as a Transformative Tool in Engineering Education: Analysing Its Impact on Learning and Engagement Babatunde Agboluaje and James Uhomoibhi #98 – A framework for assessing an authentic IoT project-based laboratory learning activity Catherine Hills and Alexander Kist #101 - Competency-Based Modular Higher Education: Key Features and Technological Integration Catherine Hills, Justine Baillie and Alexander Kist	EMA - Room A.0.1	14:00 15:40
Wed4B – Parallel Session: "Intelligent Systems" • Chais: Katarina Zakova and João Carneiro • Papers: #12, #45, #69, #71, #73 #12 – A two-board design for interconnected intelligence in tiny IoT Nil Llisterri Giménez, Felix Freitag, Leandro Navarro and Mennan Selimi #45 – Land Use Mapping with OpenStreetMap: a Machine Learning approach Joaquim Patriarca, Cidália Fonte and Alberto Cardoso #69 – LLM-powered Social Robots for an Indoor Navigation Assistant Gonçalo Carnaz, Paulo Menezes and Esmeralda Faria #71 – Enabling Robot-Assisted Production Through Natural Language Input Matthias Henzel, Marvin Böggemann, Erik Witte and Felix Daut #73 – Active Replay for Continual Learning in Plant Species Biodiversity Dinis Costa, Joana Costa, Bernardete Ribeiro, José Paulo Sousa, Rui Pedro Paiva, José Rafael Silva, Rui Lourenço and Catarina Silva	EMA - Room A.1.2	14:00 15:40

Wednesday, September 3, 2025 (Conference)			
Activity	Place	Time	
Wed4C – Parallel Session: "Innovation in Forest Fire Risk Management" (IFFRM'25 Special Session I) • Chais: Maria João Costa and Hélio Mendonça • Papers: #33, #36, #40, #42, #46			
#33 – An early warning system for remote sensing of wildfires Marta Oliveira, Luís Malarmey, Pedro Casau, Paulo Pedreiras, Sandra Millán Arias, Cristina Montesinos Barrios, João Barraca and Pedro Fonseca			
#36 – Bench-scale evaluation of a novel sensing system based on gas/vapor microsensors for early wildfire detection and monitoring			
Joel Perez i Poncelas, Murat Gunes, Ana Carmen de la Cruz, Mercedes Guijarro, Javier Madrigal and Stella Vallejos Vargas	EMA -	14:00	
#40 – A Cloud-Based Platform for Wildfire Risk Monitoring using Wireless Sensor Networks	Room A.1.1	15:40	
João Cardoso, Leonardo Sousa, Pedro Salgueiro, Filipe Araújo, José Saias, Luís Rato, Vitor Nogueira, Teresa Gonçalves and Catarina Silva			
#42 – On the applicability of low-cost air quality sensors for early stage forest fire detection			
Lidia Abad, Sofía Aparicio, Raimundo Alfonso, Mercedes Guijarro, Javier Madrigal, Ana Carmen de la Cruz, Juan Luis Gómez-González , Eisharc Jaquet and Esther Hontañón			
#46 – Multi-Agent Systems for Data-Driven Decision-Making in Forest Fire Management Ali Asghar Bataleblu, Benyamin Ebrahimi, Marwa Ben Ali and Erwin Rauch			
Coffee-break	EMA - Atrium	15:40 16:10	

Wednesday, September 3, 2025 (Conference)		
Activity	Place	Time
Wed5A – Parallel Session: Underwater sensor platforms (USP'25 Special Session) • Chais: Astrid van Toor and Fariba Moghaddam • Papers: #17, #26, #31	EMA - Room A.1.2	
#17 – Low Energy, Real Time Passive Acoustic Detection of Dolphin Clicks and Whistles Jeffrey Neasham, Richard Burnett, Gavin Lowes, Benjamin Sherlock, Per Berggren and Sarah Dickson		16:10
#26 – Experimental trials of energy saving control laws for variable buoyancy control João Bravo Pinto, João Falcão Carneiro, Fernando Gomes de Almeida and Nuno Cruz		17:30
#31 – Marine Sensing Technologies: Applications for Monitoring Underwater Volcanic Activity, Geothermal Springs, and Ocean Exploration Tiago Matos, Marcos Martins, Carlos Leite Faria, Luis Rocha, and Luis Goncalves		
Wed5B – Parallel Session: Immersive Technologies: Training Future Engineers (ITO-Train'25 Special Session I) • Chais: Chiara Nezzi and Hugo Peixoto • Papers: #97, #9, #51, #41 #97 – Pedagogical Approach for Virtual Reality Tools at Universities of Applied Sciences Margareth Gfrerer, Ephrem Tekle Yacob and Tomas Benz #9 – The Glass Door Hybrid Remote Experiment for Programmable Devices Javier Garcia Zubia, Giovanna Lani, Nora Gallastegi, Ander Herrero, Verónica Canivell and Luis Rodriguez-Gil #51 – Female University Makerspaces: Conceptual Design for Sustainable and Tech-Integrated Learning Marwa Ben Ali, Reda Makeda Fasil and Erwin Rauch	EMA - Room A.0.1	16:10 17:30
#41 – The Role of Virtual and Remote Learning Factories in Ambidextrous Manufacturing Innovation Management: A Vision for the Future Caroline Colsman, Chiara Nezzi, Jan-Philipp Rammo and Erwin Rauch		

Wednesday, September 3, 2025 (Conference)			
Activity	Place	Time	
Wed5C – Parallel Session: "Innovation in Forest Fire Risk Management" (IFFRM'25 Special Session II) • Chais: Teresa Gonçalves and Pedro Fonseca • Papers: #49, #50, #52, #86 #49 – Early Wildfire Detection with Metal Oxide Gas Sensors: A Smart Approach for Real-Time Monitoring Cristina Brugera, Félix Meléndez, Angel López, Patricia Arroyo, Víctor González, José Ignacio Suárez, José Luis Herrero, José Manuel Perea and Jesus Lozano #50 – Multisensor System for Early Fire Detection Using Gas and Particulate Sensors Angel López, Patricia Arroyo, Alejandro Bernal, José Ignacio Suárez Marcelo, Mercedes Guijarro, Javier Madrigal, Ana Carmen De la Cruz, Eduardo Pinilla-Gil and Jesus Lozano #52 – Evaluating Machine Learning Models for Wildfire Prediction Across Different Geographic Regions José Silva, Jacinto Estima and Alberto Cardoso #86 – A multimodal spatial and temporal features-based dataset for wildfire risk prediction João Lopes, Catarina Silva, Cidália C. Fonte and Alberto Cardoso	EMA - Room A.1.1	16:10 17:30	
Wed6 - Invited Speech: Innovative Technology and Higher Education: New Wine in Old Bottles? Susan Zvacek (CollegeTeachingCoach.com, USA) Chairs: Catarina Silva and Javier Garcia Zubía	EMA - Room A.0.1	17:40 18:30	
Welcome Reception	Azoris Faial Garden	19:30	

Thursday, September 4, 2025 (Conference)			
Activity	Place	Time	
Registration	EMA - expat'25 entrance	08:30 12:30	
Thu1A — Parallel Workshop: "Building Inclusive Engineering Education with AI Technology" Olga Dziabenko (University of Deusto, Spain), Diego López-de-Ipiña (University of Deusto, Spain), Javier García Zubía (University of Deusto, Spain)	EMA - Room A.1.1	08:30 10:10	
Thu1B - Parallel Workshop: "Experiential learning in robotic environments" Igor Verner (Technion – Israel Institute of Technology, Israel), Alexander Kirst (University of Southern Queensland, Australia), Catherine Hills (University of Southern Queensland, Australia)	EMA - Room A.1.2	08:30 10:00	
Coffee-break	EMA - Atrium	10:00 10:30	
Thu2 - Online Experimentation DEMOS Session • Chairs: Nádia Medeiros, Olga Dziabenko and Paulo Abreu • Demos: #3, #5, #7, #10, #13, #20, #22, #23, #29, #30, #32, #35, #39, #53, #63, #67, #72, #75, #77, #79, #85, #96, #99, #102 #3 - Combining Physical and Remote Hardware for Teaching Hardware-Oriented Programming Daniel Versick, Marcus Soll and Louis Kobras #5 - Demonstration of a digital product passport system for second-hand electronic devices Pedro Vilchez, Javier Cano, Cayo Puigdefabregas, Felix Freitag and Leandro Navarro #7 - Demonstration of concurrent application provision with LoRaMesher Joan Miquel Solé, Felix Freitag, Leandro Navarro and Mennan Selimi #10 - Scilab-Based Online Simulation Engine for Online Virtual Laboratory Jakub Matisak, Adrian Vrbovsky and Katarina Zakova	EMA - Room A.0.1	10:30 12:30	

Thursday, September 4, 2025 (Conference)			
Activity	Place	Time	
#13 – Hydrotwin: capturing the heartbeat of the ocean for better management of marine activities Tiago Gomes, Alberto Santos, Joachim Vanneste, Astrid van Toor, Carolina Ramos, Daniele Aromatario, Rita Carriço, Erica Cruz and Guillherme Vaz			
#20 – Dirac's thought experiment: n-polarizers and quantum state superposition Francisco Laranjo, Pedro Monteiro, André Nabais, Pedro Rossa, João Silva and Horácio Fernandes			
#22 – EEG-triggered Awareness for a Collaborative Robot Gustavo Assuncao, Bruno Ferreira, Paulo Menezes, Zohar Tal, Andrey Solovov, Aniana Cruz and Ana Pinto			
#23 – Effortless FPGA Lab Deployment: Enabling Remote Experimentation with Next-Gen Tools Ignacio Angulo, Javier García-Zubía , Unai Hernández-Jayo, Luis Rodríguez Gil, Javier Vicente and Javier Santamaría Pascual			
#29 – Revolutionizing Exams: Competency-Oriented E-Exams with Digital Laboratories Lukas Wojarski, Joana Eichhorn, Alexa Nebel, Julia Mergner, Tobias Oertelt and Luis Rodriguez-Gil	EMA – Room A.0.1	10:30 12:30	
#30 – cWIDE—a CrossLab Compatible Web Integrated Development Environment for GOLDi Remote Labs Pierre Helbing, Johannes Nau, Karsten Henke and Detlef Streitferdt			
#32 – Client Side Experimenting with uDAQ28/LT Katarina Zakova, Jakub Lengvarsky and Jakub Matisak			
#35 – A Remote Robotics Laboratory for Hands-On Learning in ICT and Automation Dmitrii Spivak and Fernando Santana Pacheco			
#39 – Demo of an early warning system for remote sensing of wildfires			
Marta Oliveira, João Paulo Barraca, Pedro Fonseca, Paulo Pedreiras, Luis Malarmey, Cristina Montesinos Barrios and Sandra Millán Arias			
#53 – Biosignal Simulator for Lifestyle Research Cristiana Azevedo, Matilde Ryon, Marta Cunha, Daniela Rodrigues and Alberto Cardoso			

Thursday, September 4, 2025 (Conference)		
Activity	Place	Time
#63 – Exploring Plasma Physics Simulations with Virtual Reality Alfredo Ferreira, Sofia Pinho, David Brás, Nuno Verdelho Trindade and João Madeiras Pereira		
#67 – Industry 5.0 and Smart Scheduling: Operation concept of PlanARa Bernardo Firme, Teresa Restivo, João Mc Sousa and Susana Vieira		
#72 – A Compact, Low-cost Sensor Suite for Laboratory Experiments Bernardo Carvalho and Mário Lino da Silva		
#75 – Upgrade of elab's electromagnetic cavity by adding a spectroscopy diagnostic Manuel Santos, Pedro Rossa, Gonçalo Torres, João Nuno Silva and Horacio Fernandes		
#77 – A MQTT-based infrastructure to support COIL activities through Real Remote Labs Hélio Mendonça and José Alves		40.20
#79 – Interactive Digital Twin Experimentation for Control Engineering Education Zhongcheng Lei, Hong Zhou and Wenshan Hu	EMA - Room A.0.1	10:30 12:30
#85 – Magnetic Levitation Pocket Lab: Modeling and Experimentation Pavol Bistak and Mikulas Huba		
#96 – Early Earthquake Warning System for commercial business Arturo Montalvo and Antonio Noe Perez		
#99 – Remote Debugger: a digital twin for Petri nets-based networked embedded controllers Fernando Pereira, Anikó Costa, Filipe Moutinho, João-Paulo Barros, Rogério Campos-Rebelo and Luis Gomes		
#102 – A Smart Packaging Solution based on the BLE-PAWR Protocol Rúben Susano, Telmo Fernandes, Paulo Ventura, Sérgio Faria, Filipe Perdigoto, Nelson Figueiredo and Nuno Rodrigues		

Thursday, September 4, 2025 (Conference)		
Activity	Place	Time
Lunch & Departure to Capelinhos Volcano Interpretation Centre (CVIC)	Departure by bus at EMA	12:30 14:30
Thu3 - Plenary Session II: "Ethics for a Rapidly Changing World: Navigating Technology, Sustainability, and Division" Rachel Schroeder (USA/FR) Chairs: Margareth Greffer and Susan Zvacek	CVIC – Auditorium	14:30 15:30
Thu4 - Plenary Session III: "Chatbots that Teach, Algorithms that Explore: Al-Driven Innovation in Nursing Education and Obstetric Research" Ricardo Cruz-Correia (University of Porto, Portugal) Chairs: James Wolfer and José Machado	CVIC – Auditorium	15:30 16:30
Thu5 - Technical Visit Visit to Capelinhos Volcano Interpretation Centre	CVIC	16:30 18:00
Return to Horta	Departure by bus at CVIC	18:00
Conference Dinner (subject to registration) Restaurant Sal & Pico, Pousada Forte da Horta	Horta	20:00

Friday, September 5, 2025 (Conference)		
Activity	Place	Time
Registration	EMA - expat'25 entrance	9:00 16:30
Fri1 - Plenary Session IV: Cost-effective deep-sea biodiversity assessments with the Azor drift-cam informed conservation and sustainable management of deep-sea ecosystems Filipe Porteiro (University of the Azores, Portugal) Chairs: Jeff Neasham and Gui Menezes	EMA – Room A.0.1	9:30 10:30
Coffee-break	EMA - Atrium	10:30 11:00
Fri2A - Parallel Session: Remote and Virtual Labs	EMA – Room A.0.1	11:00 12:40

Friday, September 5, 2025 (Conference)		
Activity	Place	Time
Fri2B - Parallel Session: Collaborative Environment & Tools • Chairs: Katarina Zakova and Marwa Ben Ali • Papers: #27, #64, #78, #100, #4 #27 — Learning platform with remote labs guided by an intelligent conversational agent Unai Hernandez Jayo, Mikel Pintado, Javier Garcia-Zubia, Diego Lopezde-Ipiña and Diego Casado #64 — Implementing digital controllers in low-cost hardware for teaching labs on servomechanisms João Carrilho and Jorge Ferreira #78 — Easy-flowgorithm: a web-based tool towards STEM problem solving skills development Ricardo Vardasca, Luis Beirante, Marco Tereso, Domingos Martinho, António Pratas and Fernando Bento #100 — Embedded System Experimentation Powered by Petri nets-Driven Development and Rapid Prototyping Luis Gomes, João-Paulo Barros, Anikó Costa, Filipe Moutinho and Fernando Pereira #4 — Utilizing Augmented Reality to Create and Control a Digital Twin of a Collaborative Robot Mohamed-Kamel Koumenji, Marcus Soll, Louis Kobras and Jan Haase	EMA – Room A.1.1	11:00 12:40
Fri2C - Parallel Session: Al and Education in Engineering, Computing, and Medicine, from Pedagogy to Application (AIEDUMED'25 Special Session) • Chairs: Simão Paredes and Paulo Novais • Papers: #34, #43, #58, #65, #90 #34 - Coding with Intelligence: the Impact of AI tools on Mobile Programming Education Alvaro Santos, José Marinho, Cristina Chuva Costa and Anabela Gomes #43 - AI-powered Inclusive Learning: Use Cases at Deusto Olga Dziabenko, Diego López-de-Ipiña, Javier Garcia-Zubia, Unai Hernandez Jayo, Maja Pušnik, Boštjan Šumak, Sérgio Duarte Correia, Tuncer Can and Darja Ivanuša Kline	EMA – Room A.1.2	11:00 12:40

Friday, September 5, 2025 (Conference)		
Activity	Place	Time
#58 – The Role of Artificial Intelligence Literacy in Motivation towards Usage Caterina Sapone, Stefano Triberti and Silvia Francesca Pizzoli		
#65 – Locally Hosted DeepSeek and Llama3.2 Code Generation and Computer Science Pedagogy James Wolfer		
#90 – Al-Driven Tool Supporting Algorithmic Thinking in Programming Education Grzegorz Madejski, Ryszard Madejski and Wlodek Kulesza		
Lunch	EMA -	13:00
Lunch	Atrium	14:00
Fri3A - Parallel Session: Remote Sensing	EMA – Room A.1.2	14:00 15:20

Friday, September 5, 2025 (Conference)		
Activity	Place	Time
Fri3B - Parallel Session: Immersive Technologies: Training Future Engineers (ITO-Train'25 Special Session II)	EMA – Room A.1.1	14:00 15:20
Fri4 - Closing Session	EMA – Room A.0.1	15:30 16:00
Farewell Cocktail	EMA – Atrium	16:00 16:30
Visit to the Azorean Parliament Museum and Hemicycle Hall.	Horta	17:00 18:00
Mural painting registering the expat'25 in the host city of Horta.	Horta	18:30

Pos-conference day Saturday, September 6		
Activity	Place	Time
Departure by ferry to the social program activity	Pico	8:00 9:00
Departure by bus along the north coast.	Pico	9:00 10:00
Visit to the Landscape of the Pico Island Vineyard Culture Interpretation Centre	Pico - Lajido	10:00
Departure by bus along the north coast (to São Roque)	Pico	
Visit to the Whaling Industry Museum.	Pico – São Roque	11:30 12:30
Lunch-break at São Roque	Pico – São Roque	12:30 14:00
Departure by bus to the Madalena tour.	Pico	14:00
Visit to the Cultural Landscape of the Vineyard of Pico - UNESCO World Heritage	Pico – Criação Velha	14:30 15:00
Visit to the Pico Wine Museum .	Pico - Madalena	16:00
Free time with swimming opportunity at natural swimming pools or at the Ocean (Barca Natural Pools).	Pico - Madalena	-
Departure by ferry to Faial Island.	Pico - Madalena	17:30 18:30



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