

Program of 12th Euro American Conference on Telematics and Information Systems

Tuesdays, July 2nd		
Welcome Session		
09:00 - 10:00	Panel I: Responsible Artificial Intelligence ●Prof. Doctor Ricardo Baeza-Yates (EAI, Northeastern University & UPF, Espanha) ●Prof. Doctor Arlindo Veiga (Uni-CV) ●Prof. Doctor Elter Carlos (Uni-CV) Moderator: Prof. Doctor Celestino Barros	
11:00 - 12:00	Panel II: Best Practices for Engaging Communities in the Development/Adoption of AI Solutions ●Prof. Doctor Sónia Semedo (Uni-CV) ●Eng. Ivandro Ribeiro (Bonako) ●Prof. Doctor Sosdito Mananze (UEM) ●Dr. Samory Araújo (PNUD) Moderator: Prof. Doctor Júlio Barros	
15:00 - 17:00	Practical Session I: How to Use AI to Classify Farm Pests? (RS2LAB). Practical Session II: Training in collecting images of farm pests (RS2LAB).	
Wednesday, July 3rd		
Welcome Session		
09:30-11:00	Panel I: Implementation strategies for electronic voting pilots ●Prof. Doctor Celestino Barros (Uni-CV) ●Eng. Víctor Hidalgo (Assembly Voting) ●Eng. Hélio Varela (Unitel T+) Moderator: Prof. Doutor Arlindo Veiga	
11:00 12:30	Panel II: Security and Privacy in Electronic Voting ●Eng. Bruno Castro (Visionware) ●Dr. Faustino Monteiro (CNPD) ●Eng. Juvenal Pereira (SNIAC) Moderator: Prof. Doctor Júlio Barros	
15:00-16:00	Invited Speaker 1: Prof. Doctor Ricardo Baesa (EAI, Northeastern University & UPF, Espanha)	
16:00-17:00	Invited Speaker 2: Prof. Doctor Eduardo Carrillo (UNAB, Colombia)	
18:00-20:00	Guided tour to Praia City (Cabo Verde)	
Thursday, July 4th		
10:30-11:00	Registration	
11:00-11:30	Welcome Session (EATIS2024 Chairs) at Main Conference Auditory	
11:30-13:00	Session 1- E applications I (Chair: Prof. Doctor Celestino Lopes de Barros)	
11:30	4	Identification and Categorization of Brain Tumors using HOG Feature Descriptor Shubham jayraj gavkare (JSPM's Rajarshi shahu college of engineering ,tathawade)*; Rupali Umbare (Rajarshi Shahu College of Engineering); Prathmesh R Patange (JSPM'S Rajarshi Shahu College Of engineering); Yash Surendra Katmore (JSPM's Rajarshi Shahu college of engineering Tathawade); Kaushal Abhijeet Shinde (JSPM's Rajarshi Shahu college of engineering Tathawade)
11:50	11	The teacher as a target of cyber-aggression and cyber-bullying Łukasz Tomczyk (Jagiellonian University)
12:10	28	Unveiling Outcomes from eID@Cloud and EUROLogin CEF Actions in EU Citizen Identification for the Private Sector J.Macario de S. Rocha (Universitat de València)*; Ramon Cirilo (UV); Teresa Magal-Royo (Universitat Politècnica de Valencia); Antonio Garcia (UV); Arturo Saez (UV); Javier Martinez (UV)

12:30	17	VLC positioning in low data rate for V2V communication.	Luis Miguel Giraldo (Universitat de Valencia)*; Joaquin Perez Soler (Universitat de Valencia); Carmen Botella-Mascarell (Universitat de Valencia); Vicent Girbes Juan (Universitat de Valencia); Sandra Roger Varea (Universitat de Valencia); Julio Martos Torres (Universitat de Valencia); Raimundo Garcia Olcina (Universitat de Valencia)
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Opening Poster Session -EATIS2024- Main Hall University of Cabo Verde

14:30-15:45 Session 2- New trends on telematics and information systems (Chair Prof. Doctor Arlindo Oliveira da Veiga)			
14:30	20	VAS. A Semantic Model for Earth Observation data	Javier Samper (University of Valencia)*; Juan José Martínez (University of Valencia); Javier Martínez (University of Valencia); David García Rodríguez (IRTIC); Julián Gutiérrez (University of Valencia); Ernesto López (University of Valencia)
14:50	22	A Comprehensive Analysis of Ontologies Related to Safety Related Traffic Information for Road Traffic	Julian Gutierrez Moret (UVEG)*; Jose Javier J Samper (UVEG); Ana Delgado (UVEG); J.Macario de S. Rocha (Universitat de València); Gustavo Tena (UVEG); Francisco.R Soriano (UVEG)
15:10	23	Efficient Road Traffic Routing: A Novel Algorithm Leveraging Traffic Forecasting	Iván Monzón (Universitat Jaume I); Vicente R. Tomás (Universitat Jaume I)*; Luís A. García (Universitat Jaume I)
15:30	27	Integrating knowledge models in Intelligent Truck Parking	Jose F. Garcia Calderaro (University of Valencia)*; Vicente R. Tomás (Universitat Jaume I); Luís A. García (Universitat Jaume I); Juan J. Martínez Durá (University of Valencia); Ramon V. Cirilo (University of Valencia); Enrique V. Bonet Esteban (University of Valencia)

16:00-17:30 Session 3- E applications II (Chair President Rogério Patrício Chagas do Nascimento)			
16:00	12	Smart Security: A Biometric Access Control and Tracking Architecture for IIoT Environments	Anel De Souza Filho (Femtolab/UEA); Brendon De Lima (Femtolab/UEA); Celso B Carvalho (UFAM)*; Diógenes Paz Junior (Femtolab/UEA); Lucas Yasuda (Femtolab/UEA); Otoniel Mendes (Femtolab/UEA); Vitoriano Casas (State University of Amazonas); Williame Rocha (Femtolab/UEA)
16:20	15	Per title video quality encoding with CRF estimation based on scenes using DNN	Francisco M Micó-Enguídanos (Universitat de València)*; Juan Gutierrez-Aguado (Universitat de València); Miguel Garcia-Pineda (University of Valencia)
16:40	13	Central Bank Digital Currency Design Constructs: A Multivocal Literature Review	Elcelina Carvalho Silva (Universidade de Cabo Verde)*

Friday, July 5th

9:00-9:30	Registration		
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9:30-10:45 Poster Session I -EATIS2024 (Chair Prof. Mateus Neves Andrade)			
09:30	2	PentWay- The NextGen Online Vulnerability Assessment Platform	Dilesh Nadeesha Rajakarunaratne (SLIIT)*
09:45	25	Integrating Challenge-Based Learning and Virtual Reality Representation in Smart City Education Program	Sergei Kozhevnikov (Czech Technical University)*; Miroslav Svitek (Czech Technical University)
10:00	6	WeedAI-UAV: Weed detection using YOLOv8 and geolocation for treatment with UAVs	Paula Catalá-Román (University of Valencia); Esther Durá Martínez (University of Valencia); Miguel Garcia-Pineda (University of Valencia); Jaume Segura Garcia (University of Valencia)*; Enrique A. Navarro-Camba (University of Valencia); Sergi Maicas (University of Valencia)
10:15	7	Enhancing Urban Cycling Safety in Lisbon	Adelino Ferreira (University of Coimbra)*; Tiago Tamagusko (University of Coimbra); Matheus Gomes Correia (University of Coimbra); Luís Domingues Rita (Imperial College London); Miguel Peliteiro (CycleAI); Luisa Santos (CycleAI)
10:30	9	Deep Learning Based AoA and AoD Estimation for Millimeter Wave MIMO Systems	Diego Lloria (University of Valencia)*; Sandra Roger (Universitat de Valencia); Carmen Botella-Mascarell (Universitat de Valencia); Maximo Cobos (Universitat de Valencia)

11:00-12:00		Session 4- New trends on telematics and information systems (Prof. Doctor Júlio Lopes de Barros)	
11:00	18	Evaluation of low-cost Air Quality sensor ZPHS01B as an alternative for deployment in smart cities	Eric Meneses-Albalá (Universitat de València)*; Guillem Montalbán Faet (Universitat de València); Santiago Felici-Castell (UV); Juan J. Pérez-Solano (UV); Jaume Segura Garcia (University of Valencia); Sandra Roger Varea (UV)
11:20	19	Calibration of Ground-Ozone low-cost sensors embedded in IoT nodes by applying machine learning techniques	Guillem Montalbán Faet (Universitat de València)*; Eric Meneses-Albalá (Universitat de València); Santiago Felici-Castell (UV); Juan José Pérez Solano (Universitat de València); Jaume Segura Garcia (University of Valencia); Enrique Navarro Camba (Universitat de València)
11:40	5	5G AI-IoT system for bird species monitoring and bird song classification	Jaume Segura Garcia (University of Valencia)*; Miguel Arevalillo-Herraez (University of Valencia); Santiago Felici-Castell (UV); Enrique A. Navarro-Camba (University of Valencia); Sean Sturley (University of the West of Scotland); Jose M. Alcaraz-Calero (University of the West of Scotland)

12:15-13:30		Poster Session II -EATIS2024 (Prof. Doctor Sónia Vaz Semedo) / (Chair Prof. José Olavo Teixeira da Paz)	
12:15	16	PodInsights: a millisecond pod metric collector for Kubernetes	Andoni Salcedo Navarro (Universitat de València)*; Miguel Garcia-Pineda (University of Valencia); Juan Gutierrez-Aguado (Universitat de València)
12:30	21	Web-Based Precision Agriculture: A DJI Multispectral Image Processing Tool for Field Indexing	Paula Catala-Roman (University of Valencia); Jaume Segura Garcia (University of Valencia); Miguel Garcia-Pineda (University of Valencia)*
12:45	26	Evolution of DATEX II Standard towards Open Data	Ana M. Delgado (Universitat de València)*; Silvia Del Campo (Universitat de València); J.Macario de S. Rocha (Universitat de València); Jose Javier J Samper (UVEG); Juan Jose Martinez (Universitat de València); Jose F. Garcia Calderaro (University of Valencia)
13:00	29	Evaluation of Real-Time Acoustic Event Detection Models in Driving Scenarios	Carlos Castorena (Universitat de Valencia)*; Jesus Lopez-Ballester (Universitat de Valencia); Maximo Cobos (Universitat de Valencia); Francesc J. Ferri (Universitat de Valencia); Juan Antonio De Rus Arance (Universitat de València)
13:15	8	Perceptions of Pregnant Women about the Pregnancy Monitoring Mobile Application	Marina J Paiva (Universidade federal Rural do Semi-Árido)*; Dyego Magno Souza Oliveira (Universidade Federal Rural do Semi-Árido); Francisco Milton Mendes Neto (UFERSA); Luana Pereira Barreto (Universidade Federal Rural do Semi-Árido); Bruno Souza Monteiro (Universidade Federal Rural do Semi-Árido); Felipe Gabriel Queiroz Rego (Universidade Federal Rural do Semi-Árido); Fabrício Dangellis (Universidade Federal Rural do Semi-Árido); Thiago Rossato (Universidade Federal Rural do Semi-Árido)
13:30	14	Knowledge Management Model Applied to Smart Cities: Mass Transportation System Case	Victor H Medina (Universidad Distrital Francisco José de Caldas)*
13:45-14:00		EATIS2024 Close Session (EATIS 2024 Chairs) General Chairs and Local Chairs	

Zoom Link: <https://bit.ly/3zrrhWo>

Meeting ID: 830 8620 4232

Password: 227630

