

Time/Day	May 27th	
8:00 - 8:30	A Vision on Explainable Artificial Intelligence through the Lens of our Past, Present and Future Activities	
8:30 - 9:00	Dr. Carlos Peña	
9:00 - 9:30	University of Applied Sciences and Arts Western Switzerland - IEEE CIS	
9:30 - 10:00	Break	
10:00 - 10:30	Industrial Internet of Things	
10:30 - 11:00	Dr. George Proeller	
11:00 - 11:30	IEEE Computer Society	
12:00 - 14:00	LUNCH	
	Track Colcom - Chair: Andrés Navarro	Track ColCACI - Chair: Jesús López
14:00 - 14:20	ID04: Linear and Non-linear Effects in Fiber Optic Transmission	ID01: Stock Price Analysis with Deep-Learning Models
14:20 - 14:40	ID07: Mobile revolution: From 2G to 5G	ID02: Mobile Application for Anemia Detection through Ocular Conjunctiva Images
14:40 - 15:00	ID11: A methodology for signals intelligence using non-conventional techniques and software-defined radio	ID04: Face Gesture Recognition Using Deep-Learning Models
15:00 - 15:20	ID15: Experimental Proof of Concept Applying Digital Predistortion to Radio Frequency Power Amplifiers	ID11: Double fused Deep CNN approach for Solid Waste Classification
15:20 - 15:40	ID19: A Novel OBC-LDC Integrated Power Unit for Electric Vehicles	ID17: Coccinellidae Beetle Specimen Detection Using Convolutional Neural Networks
15:40 - 16:00	ID05: Near Helipad Auto Guidance System for Landing and Take-off of Helicopter	ID13: Emulador de eventos de calidad de la energía usando algoritmo PSO

Time/Day	May 28th	
8:00 - 8:30	6G: Vision, Requirements, Technical Challenges, Standardization & Implementations	
8:30 - 9:00	Shahid Mumtaz, PhD, CEng, FIET, SMIEEE	
9:00 - 9:30	IEEE Communications Society	
9:30 - 10:00	Break	
10:00 - 10:30	Monitoring and Security for IoT/IoV Networks: Challenges and Optimisation	
10:30 - 11:00	Dr. Abderrahim Benslimane	
11:00 - 11:30	Avignon University, France - IEEE VTS Society	
12:00 - 14:00	LUNCH	
	Track Colcom - Chair: Claudia Zúñiga	Track ColCACI - Chair: Alvaro D. Orjuela
14:00 - 14:20	ID03: An Augmented Reality based E-Learning Tool for Engineering	ID12: Low Cost Classification Method for Differentiated White Blood Cells using Digital Image Processing and Machine Learning Algorithms
14:20 - 14:40	ID06: Comprehensive use of tools for transformation towards Industry 4.0	ID14: Automated Preprocessing Pipeline for EEG Analysis in Visual Imagery Tasks
14:40 - 15:00	ID09: Discrete Wavelet Denoising via Kernel Based Nonlinear Component Analysis: Case Studies	ID20: Respiratory Sounds Classification employing a Multi-label Approach
15:00 - 15:20	ID13: Comparative Analysis of the main Graph Coloring Algorithms	ID21: 3D reconstruction of organ from CT images and visualization in a virtual reality environment.
15:20 - 15:40	ID16: Image Encryption using an Image Pattern based on Advanced Encryption Standard	ID15: Monitoring assessment of Santa River watershed in Perú applying a model based on fuzzy logic
15:40 - 16:00	ID22: A smart algorithm for traffic lights intersections control in developing countries.	ID18: Clustering of extreme events through Standardized Precipitation Index (SPI) in Colombian Southwester
16:00 - 16:20	CLOSING CEREMONY	