Best Paper based on Reviewers' choice: IEMTRONICS 2025

#	Title	Track name	Authors with affiliation and country
1571118413	Blockchain-Based Demand Side Management: a Novel Approach and Experimental Analysis	Artificial Intelligence & Machine Learning	Ameni Boumaiza (Hamad Bin Khalifa University & QEERI, Qatar)
1571115424	Innovative PLC Control Algorithms in Buildings Using Automated Code Generation	Electronics	Amin Al Ka'bi (Australian University - Kuwait, Kuwait)
1571121479	RT FIL Analysis for Inverter Integrated Microgrid Using ARTY A7 100T	Electronics	Ojasvi Sanjay Sonone (VJTI Mumbai, India); Amey Sushil Chavekar, Sunny Kumar and Sushma Wagh (VJTI, Mumbai, India)
1571114592	Water Savior Embedded System	Cognitive Systems	Vanchhit Khare (Assistant Vice President, USA & M&T Bank, USA); Deepak Solanki (Lovely Professional University, India)
1571125315	Predicting Downtimes in CNC Manufacturing Machines from Spindle Current	IoT & Data Science:	Maryna Avdiienko, Suvodeep Mazumdar and Abdallah Yaghi (University of Sheffield, United Kingdom (Great Britain)); Rowan Easter-Robinson (TrackMyMachines, United Kingdom (Great Britain))
1571115471	Enhanced Retrieval-Augmented Generation(RAG) with Question Similarity Filtering for QA Systems	Artificial Intelligence & Machine Learning	Maryam Heidari (George Mason University, USA)
1571123899	AI Generated Personalities with Audio and Video for Companionship and "Interaction" with the Deceased	Artificial Intelligence & Machine Learning	Shahriar Khan (Independent University, Bangladesh)
1571128824	Analysis of a File Magic Pattern Language	Information Technology	Sudarshan S Chawathe (University of Maine, Orono, USA)
1571125401	Wave-Based Pandemic Modeling Using Unsupervised Learning: Gaussian Mixture Model Approach	Artificial Intelligence & Machine Learning	Sidi Mohamed Lalaoui Ben Cherif (LARGES Laboratory, FSJES- Chouaib Doukkali University, Morocco & College of Computing - Um6p, Morocco); Belkacem Abdous (Laval University, Quebec, Canada); Abdelmajid Bessate (Chouaib Doukkali University, Morocco)

1571128387	Hybrid CNN for Efficient Content-Based Image Retrieval	Cognitive Systems	Maher Alrahhal, Mohammad AlShabi and Talal Bonny (University of Sharjah, United Arab Emirates); Stephen Andrew Gadsden (McMaster University, Canada)
1571115536	IoT Data Fusion Techniques: a Systematic Review and Meta-Analysis	IoT & Data Science:	Kelechi C Umeaka, Jack Longwell and Rasha Kashef (Toronto Metropolitan University, Canada)
1571123367	Quantum-Driven Molecular Design Using a QUBO Approach to Optimize Functional Imprints for Material Innovation	Electronics	Pravir Malik (Deep Order Technologies, USA)
1571116310	Shoulder Exoskeletons for Motor Rehabilitation: a Technological Review	Mechatronics	Hector Valcarcel (Universidad Continental, Peru); Deyby Huamanchahua (Universidad de Ingeniería y Tecnología - UTEC, Peru)
1571123075	Sentiment Analysis on Mass Deportation from News Aggregation & Content Rating in a Forum Social Network	Artificial Intelligence & Machine Learning	Swetha Kambham, Pavan Kalyan Goud Koppula and Aparna Varde (Montclair State University, USA)
1571116265	Real-Time Bengali Sign Language Recognition and Bilingual Text-to-Speech Conversion Using Machine Learning Techniques	Artificial Intelligence & Machine Learning	Yeastic Hassan Zihan, Iffaat Ara Mehnaz, Anisha Shawana Sharif, Nusrat Jahan Tisha and M. Rashedur Rahman (North South University, Bangladesh)