Regular Paper

A Framework to Optimize the Energy Cost of Securing Neural Network Inference
Tanjina Islam, Ana Oprescu, Zoltán Ádám Mann and Sander Klous (University of Amsterdam, The Netherlands)

A Review of Early Time Series Classification Methods on Machinery Dataset
Mohammad Ali Nemer (University of Franche-Comte - UFC, France); Joseph Azar (Université de Franche-Comté - UFC & FEMTO-ST/DISC, France); Abdallah Makhoul (University of Franche-Comté & FEMTO-ST, France); Julien Bourgeois (FEMTO-ST, France)

Achieving Asymptotically Optimal Throughput and Fairness for Energy Harvesting Sensors in IoT Network Systems
Omer M Gul (Istanbul Technical University, Turkey)

Comparison of the Performance and Energy Efficiency Evaluation of 5G User-Plane Functions
Chiara Lombardo (University of Genoa & CNIT- Research Unit of the University of Genoa, Italy); Raffaele Bolla (University of Genoa, Italy); Roberto Bruschi (CNIT, Italy); Franco R. Davoli (University of Genoa & National Inter-University Consortium for Telecommunications (CNIT), Italy); Lorenzo Ivaldi (University of Genoa, Italy); Beatrice Siccardi and Paolo Ghiorzo (DITEN - University of Genoa, Italy)

Creation of Topological Maps of Energy Consumption for IP Networks
Alejandro Muñiz, Pablo Armingol and Luis M. Contreras (Telefonica, Spain); Oscar González de Dios (Telefonica I+D, Spain)

Design and Development of a Real-Time IoT Infrastructure for a Future Workspace - Energy Efficiency and Sustainability
Hamza SAADAOUI, Hajer Rabii and Tulumen Zeynep (Amaris Research Unit, France)

Enhanced Pedestrian Detection and Tracking Using Multi-Person Pose Extraction and Deep Convolutional LSTM Network
Ashkan Tashk (University of Copenhagen (UCPH), Denmark & KU, Denmark); Mohammad Ali Alavianmehr (ICT Organization of Shiraz Municipality & Shiraz University of Technology, Iran)

How Much RF Energy Can Be Harvested From V2X Communications? An Experimental Assessment
Federico Librino (IIT-CNR, Italy); Francesca Martelli (Istituto di Informatica e Telematica (IIT) - Consiglio Nazionale delle Ricerche (CNR), Italy); Giovanni Resta (Istituto di Informatica e Telematica, Italy); Andrea Motroni, Glauco Cecchi and Andrea Ria (University of Pisa, Italy)

Low-Cost Green Computing-As-a-Service Testbed for SMEs: Leveraging AI and 6G for Enhanced Productivity
Mohammad N. Patwary (University of Wolverhampton, United Kingdom (Great Britain)); Samiya Khan (University of Greenwich, United Kingdom (Great Britain)); Junaid Nawaz Syed (COMSATS University Islamabad, Pakistan)

On Three Fundamental Graph Enumeration Problems and the Corresponding Graph Generation Algorithms
Antoine Bossard (Kanagawa University, Japan)

PowerHeat: A Non-Intrusive Approach for Estimating the Power Consumption of Bare Metal Water-Cooled Servers
Maxime Agusti (Ecole Normale Supérieure de Lyon & OVHcloud, France); Eddy Caron (ENS-Lyon, France); Benjamin Fichel (OVHcloud, France); Laurent Lefevre (INRIA, France); Olivier Nicol (OVHcloud, France); Anne-Cécile Orgerie (CNRS & IRISA, France)

Rivercare: Shaping the Decentralized Identity of Mother Nature on Blockchain Through Care Activities of Stewards
Hung-Ming Sung, You-Shin Tsai, Timothy Chen, Ju-Chun Ko and Yi-Ping Hung (National Taiwan University, Taiwan)

Workshop Paper

A Number of Conceptual Scalable Node-Organizing Multi-Tiered Blockchain Architectures for IoT
Riham Elsaadany (Université Du Québec À Montréal, USA); Guy Begin (UQAM, Canada)

An Ethereum Oracle-Based Solution for P2P Energy Trading Market
Matteo Vaccargiu and Roberto Tonelli (University of Cagliari, Italy)

Carbon-Aware Workload Shifting for Mitigating Environmental Impact of Generative AI Models
Eddie W Zhang (Troy High School, USA); Daniel Wu (Thomas Jefferson High School for Science and Technology, USA); Jeffrey Boman (Montgomery Blair High School, USA)

High-Bandwidth Node Selection in Compact Block Relay
Shinnosuke Masuda, Taishi Nakai, Tsuyoshi Hasegawa, Akira Sakurai and Kazuyuki Shudo (Kyoto University, Japan)

Predictive Analytics in Cognitive Radio: Neural Network Based Approach for Spectrum Sensing
Jehanzaib Nasim Javed, Mohsin Khalil, Syed M. Kazam Abbas Kazmi and Muhammad Saad (National University of Sciences and Technology, Pakistan)