

## SoftCOM 2024 PRELIMINARY LIST OF PAPERS

|            |   |  |
|------------|---|--|
| 1571019440 | Towards Energy-efficient Data Collection in Internet of Ships   | Jelena Culic Gambiroza and Mirko Čorić (University of Split, Croatia); Mario Gagaj (University of Split, FESB, Croatia)  |
| 1571020000 | Combined EFIE-EFIE Formulation for PEC and Penetrable Object: Study of Reduced Planar Model Exposed to Dipole Antenna Radiation                 | Mario Cvetković and Dragan Poljak (University of Split, Croatia)   |
| 1571024270 | Sensor Multiplexing in Linux Containers   | Peter Barth (University of Applied Sciences Mannheim & University of Applied Sciences, Germany); Raphael Barth (Titum GmbH, Germany)   |
| 1571028093 | Application of GANs in the analysis and generation of marine debris images  | Antonela Prnjak, Ana Kuzmanić Skelin and Tamara Grujic (University of Split, Croatia); Saša Mladenović (University of Split & Faculty of Science, Croatia)   |
| 1571028536 | Comparative Machine Learning Analysis of PM2.5 and PM10 Forecasting in Albania  | Alba Merdani (Polytechnic University of Tirana, Albania)   |
| 1571029623 | A Digital Watermark Architecture for Image Authentication Based on Hermite Transform  | Andjela Draganić (University of Montenegro, Faculty of Electrical Engineering, Montenegro); Đorđe Stanković and Nedeljko Lekić (University of Montenegro, Montenegro); Cornel Ioana (Grenoble Institute of Technology, France); Irena Orović (University of Montenegro, Montenegro)  |
| 1571031135 | Advancing Quantum Communications: Q-OFDM with Quantum Fourier Transforms for Enhanced Signal Integrity  | Abdulbasit M. A. Sabaawi and Mohammed Almasaoodi (Budapest University of Technology and Economics (BME), Hungary); Sándor Imre (Technical University of Budapest, Hungary)   |
| 1571031622 | Furhat PsychScreen Framework: Streamlining Robot-Assisted Psychological Screening Implementation  | Anna Lekova and Paulina Tsvetkova (Bulgarian Academy of Sciences, Bulgaria); Mayiana Mitevska and Teodora Medneva (University of Plovdiv, Bulgaria)  |
| 1571031862 | A New Look to the Maxwell's Equations and Wave Equations in Conducting Media  | Slavko Vujević (University of Split, Croatia)  |
| 1571031988 | AI and ML Applications Traffic: Designing Challenges for Performance Optimization of Optical Data Center Networks                               | Peristera A. Baziana (University of Thessaly, Greece); Georgios Drainakis (Institute of Communication and Computer Systems, Greece); David Georgantas (University of Thessaly, Greece); Adonis Bogris (University of West Attica, Greece)  |
| 1571032250 | Federated SFC Placement in Sliced Collaborative Multi-Administrative Multi-Domain Networks  | Dariusz Nogalski (Military Communication Institute - National Research Institute, Poland); Dallal Belabed and Alexandre Triollet (Airbus Defence and Space, France); Konstanty Junosza-Szaniawski (Warsaw University of Technology, Poland); Slim Abdellatif (CNRS/LAAS & Université de Toulouse, INSA, LAAS, France); Pascal Berthou (CNRS/LAAS - Université de Toulouse, France); Stanislas Pedebearn (LAAS CNRS, France); Adam Dudko (Military Communication Institute - National Research Institute, Poland) |
| 1571032453 | Validating the OpenBCI Nodes within the Node-RED Library through an EEG-based BCI Application for IoT   | Adelina Kremenska and Anna Lekova (Bulgarian Academy of Sciences, Bulgaria); Georgi Dimitrov (University of Library Studies and Information Technologies & ULSIT, Bulgaria)  |
| 1571032462 | Centralized Enhancement of Security and Service Delivery  | Elisa Benetti (LepidaScpA, Italy); Alessandro Rabiti (Lepida ScpA, Italy); Gianluca Mazzini (LepidaSpA & UniFe, Italy)   |
| 1571032526 | Predictive Modeling of Student Performance in Moodle LMS using Learning Analytics   | Mia Mužinić, Antonela Sikavica, Petra Zelić, Ani Grubisic and Ines Šarić-Grgić (University of Split, Croatia)  |
| 1571032698 | 3D Printed DELTA Robot for Educational Purposes   | Ivan Chavdarov (Bulgarian Academy of Sciences, Bulgaria & St Kliment Ohridski, Bulgaria); Kaloyan M Yovchev (Sofia University, Bulgaria); Bozhidar Naydenov (Dassault Systemes & Institut of Robotics, Bulgarian Academy of Sciences, Bulgaria); Vladislav Vladislavov Hrosinkov (Sofia University, Bulgaria)  |
| 1571032817 | Probing with a Generic MAC Address: An Alternative to MAC Address Randomisation   | Johanna Ansohn McDougall (University of Hamburg, Germany); Alessandro Brighente (University of Padova, Italy); Hannes Federrath, Niklas Zapatka, Anne Kunstmann and Hanna Schambach (University of Hamburg, Germany)   |
| 1571032820 | Time to Hire a Robot Psychologist? Evaluating a Corporate RAG Application   | Gian Paolo Jesi and Andrea Odorizzi (Lepida ScpA, Italy); Gianluca Mazzini (LepidaSpA & UniFe, Italy)  |
| 1571032835 | Cell Stay Time Characteristics Exploration in Beyond 5G Small Cells   | Miroslav Voznak (VSB - Technical University of Ostrava, Czech Republic); Khoa Nguyen Dang Dinh (Technical University of Ostrava, Czech Republic); Erik Chromy (Pan-European University, Slovakia)  |
| 1571032937 | RIMAP - Advanced NLP-Based Matchmaking and Reporting Platform   | Damir Medved (University of Rijeka & Innerga, Croatia); Benedikt Perak (University of Rijeka, Croatia)   |
| 1571032943 | Technical Aspects of Procuring Availability Services for Photovoltaic Plants  | Damir Medved (University of Rijeka & Innerga, Croatia); Damir Juričić (Innerga Ltd., Croatia)  |
| 1571033035 | GWO-based user clustering and power allocation for downlink MIMO-NOMA systems   | Samar Chebbi (Université de Limoges, France); Oussama Habachi (University of Limoges, France); Essaid Sabir (TELUQ University & University of Quebec, Canada); Jean Pierre Cances and Vahid Meghdadi (University of Limoges, France)   |
| 1571033036 | Heuristic Malware Detection Method Based on Structured CTI Data: A Research Study and Proposal  | Pavel Novak (Masaryk University, Czech Republic); Vaclav Oujezsky (Masaryk University, Czech Republic & Brno University of Technology, Czech Republic)   |
| 1571033123 | Revolutionizing Human Activity Recognition in Healthcare: Harnessing Red Deer for Feature Selection and Focal Loss-Based MLP for Classification | Nitesh Bharot and John G. Breslin (University of Galway, Ireland); Priyanka Verma (University of Limerick, Ireland)  |
| 1571033143 | Anycast Metrics and Performance Tuning  | Jan Marius Evang (Oslo Metropolitan University & Simula Metropolitan Center for Digital Engineering, Norway); Tarik Cicic (Simula Metropolitan Centre for Digital Engineering, Norway); Alojz Gomola (Simula Metropolitan Center for Digital Engineering, Norway)  |

|            |  |   |
|------------|--|---|
| 1571033144 | Determination of the Impact of Video Encoding Parameters on QoE Using Passive Viewing Tests                                  | Dominik Arih, Ilija Barišić and Mirko Suznjevic (University of Zagreb, Croatia)   |
| 1571033168 | Comparison of Multi-Criteria Decision-Making Algorithms for Spectral and Energy Efficiency Trade-off in Massive MIMO Systems | Eni Haxhiraj and Elson Agastra (Polytechnic University of Tirana, Albania); Desar Shahu (Polytechnic University of Tirana & Faculty of Information Technology, Albania)   |
| 1571033173 | Real-Time Video Streaming in MPT-GRE Multipath Networks  | Naseer Al-Imareen (Szechenyi Istvan University, Hungary); Gábor Lencse (Széchenyi István University, Hungary)   |
| 1571033178 | SyncNet: Harmonizing Nodes for Efficient Learning  | Abhinav Roy (IIIT NR, India); Bhavesh S Gyanchandani (IIITNR, India); Jyoti Sahu (IIIT NR, India); Mallikharjuna Rao K (IIIT Naya Raipur, India)  |
| 1571033190 | Augmented Reality Interface Quality of Experience Assessment Using Video Game Simulation                                     | Katarina Mišura and Mirko Suznjevic (University of Zagreb, Croatia)   |
| 1571033320 | Out of Distribution Generalization: KPI vs Spectrogram Based Jamming Classification in 5G                                    | Ronald Chitauro (IHP Microelectronics, Germany); Marcin Brzozowski (IHP, Germany); Onur Yener (IHP - Leibniz-Institut Fur Innovative Mikroelektronik, Germany); Peter Langendoerfer (IHP Microelectronics, Germany)   |
| 1571033366 | Individual Plant Detection on Post-Harvest Forest Floor Using Aerial Imagery   | Aashish Raviraj, Maximilian Jocheneken, Ahmad Drak, Alexander Asteroth and Sebastian Houben (Bonn-Rhein-Sieg University of Applied Sciences, Germany)   |
| 1571033413 | Driver Information System based on Computer Vision   | Mihovil Kovačević (TTTech Auto, Croatia); Mario Vranjes (University of Osijek, Croatia); Ratko Grbić (University of Osijek, Faculty of Electrical Engineering, Croatia); Marijan Herceg (FERIT, Croatia)  |
| 1571033414 | Algorithm for activating the alarm system when leaving the vehicle   | Marija Ovžetski (TTTech Auto, Croatia); Mario Vranjes (University of Osijek, Croatia); Ratko Grbić (University of Osijek, Faculty of Electrical Engineering, Croatia); Denis Vranješ (Computer Science and Information Technology Osije, Croatia)   |
| 1571033416 | Creating a surround view algorithm with implementation on a real embedded ADAS platform                                      | Ivan Marinić (TTTech Auto, Croatia); Mario Vranjes (University of Osijek, Croatia); Ratko Grbić (University of Osijek, Faculty of Electrical Engineering, Croatia); Marijan Herceg (FERIT, Croatia)   |
| 1571033417 | Launch Power Control for Digital Subcarrier Equalization in Filterless Optical Networks                                      | Mohammad Hosseini (Infinera, Germany); Joao Pedro (Infinera & Instituto de Telecomunicações, Portugal); Antonio Napoli (Infinera, Germany)  |
| 1571033433 | Adaptive Compressive Sensing Image Recovery Using Block-Variance-Based Sampling  | Đorđe Stanković (University of Montenegro, Montenegro); Andjela Draganić (University of Montenegro, Faculty of Electrical Engineering, Montenegro); Cornél Ioana (Grenoble Institute of Technology, France); Irena Orović (University of Montenegro, Montenegro)  |
| 1571033439 | Application development in AutoCAD environment for modeling 3D printed souvenirs targeting STEAM education                   | Ivan Chavdarov (Bulgarian Academy of Sciences, Bulgaria & St Kliment Ohridski, Bulgaria); Borislava Kostova and Galya Tsaneva (Bulgarian Academy of Science, Bulgaria)  |
| 1571033452 | A Multi-Agent Architecture for Privacy-Preserving Natural Language Interaction with FHIR-Based Electronic Health Records     | Carmen De Maio (Università degli Studi di Salerno, Italy); Giuseppe Fenza, Domenico Furno, Teodoro Grauso and Vincenzo Loia (University of Salerno, Italy)  |
| 1571033455 | Custom-Designed Signal Processing Application for RFSoc FPGA Platform  | Gergo Kovacs (Technical University of Cluj-Napoca & INCDTIM, Cluj-Napoca, Romania); Raluca Nelega (Technical University of Cluj-Napoca, Romania & INCDTIM, Romania); Alexandru Oprea (Technical University of Cluj-Napoca & INCDTIM Cluj-Napoca, Romania); Radu Voina (Technical University of Cluj-Napoca, Romania & Keytek Innovation, Romania); Romulus Valeriu Flaviu Turcu (Babes-Bolyai University, Romania); Emanuel Puschita (Technical University of Cluj-Napoca, Romania & National Institute for Research and Development of Isotopic and Molecular Technologies (INCDTIM), Romania) |
| 1571033459 | The Use of Machine Learning in Modeling Video Quality Assessment   | Janusz Henryk Klink and Michał Łuczyński (Wrocław University of Science and Technology, Poland); Tadeusz Uhl (Flensburg University of Applied Sciences, Germany)  |
| 1571033475 | Employing Feature Engineering for River Stage Forecasting to Improve Hybrid Model Performance                                | Anna Maria Mihel (University of Rijeka, Croatia); Špela Pečnik and Grega Vrbančič (University of Maribor, Slovenia); Jonatan Lerga (University of Rijeka, Croatia & University of Rijeka, Center for Artificial Intelligence and Cybersecurity, Croatia); Nino Kravica (University of Rijeka, Croatia)  |
| 1571033486 | Unraveling the Potential of AI Towards Digital and Green Transformation in Kiwifruit Farming                                 | Theofanis Kalampokas (Democritus University of Thrace, Greece); Eleni Vrochidou (International Hellenic University, Greece); Maria Tzampazaki and George A Papakostas (Democritus University of Thrace, Greece)   |
| 1571033520 | Social Robots in Education: To Select or Not to Select a Robot for a Teaching Subject at an Educational Level?               | Maria Tzampazaki (Democritus University of Thrace, Greece); Eleni Vrochidou (International Hellenic University, Greece); George A Papakostas (Democritus University of Thrace, Greece)  |
| 1571033539 | Automating Diploma Title Generation: Applying Machine Learning Techniques  | Alba Merdani (Polytechnic University of Tirana, Albania); Nelda Kote (Polytechnic University of Tirana & Faculty of Information Technology, Albania); Kleda Ternova (Polytechnic University of Tirana & Star7, Albania); Enida Sheme (Polytechnic University of Tirana & Faculty of Information Technology, Albania)  |
| 1571033540 | Robust DNN-Enabled Cooperative Spectrum Sensing  | Omar Serghini and Salvatore Serrano (University of Messina, Italy); Hayat SEMLALI (Université Cadi Ayyad, Morocco); Asmaa Maali (Laboratory of Electrical Systems and Telecommunications, Cadi Ayyad University, Morocco)   |
| 1571034170 | Introducing Secure Element Token With USB Wi-Fi Bluetooth Triple Communication Interfaces                                    | Pascal Urien (Telecom Paris, France)  |

|            |  |  |
|------------|--|--|
| 1571034368 | Transfer Learning in Building Neural Network Model Case Study  | Marija Zorić (Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Croatia); Maja Stula (University of Split, Croatia); Ivan Markić (University of Mostar, Faculty of Mechanical Engineering, Computing and Electrical Engineering); Maja Braović (University of Split - FESB, Croatia)   |
| 1571036225 | Gymir5G: A Simulation Platform to Study Data Transmission over WebRTC in 5G Networks with Deep Learning Assistance   | Nikita Smirnov (Kiel University, Germany); Sven Tomforde (University of Kiel, Germany)   |
| 1571036376 | Context-aware Communication in C-ITS for Road Safety Applications: Survey and Open Research Directions   | Ameni Chtourou (Universite Paris Cite, France); Mohamed Hadded (Abu Dhabi University, United Arab Emirates); Hakim Ghazzai (King Abdullah University of Science and Technology, Saudi Arabia); Mourad Elhadef (Abu Dhabi University, United Arab Emirates)   |
| 1571037370 | Optimizing blockchain for Smart Grid 2.0 Applications  | Charithri Yapa (University of Sri Jayawardenepura, Sri Lanka); Chamitha De Alwis (University of Bedfordshire, United Kingdom (Great Britain)); Uditha L. Wijewardhana (University of Sri Jayawardenepura & Faculty of Engineering, Sri Lanka); Madhusanka Liyanage (University College Dublin, Ireland)  |
| 1571037999 | Enhancing Handover Performance in LEO Satellite Networks with Multi-Connectivity and Conditional Handover Approach   | Mohammed Al-Ansi and Jorge Querol (University of Luxembourg, Luxembourg); Madyan Alsenwi (SnT, Luxembourg); Eva Lagunas and Symeon Chatzinotas (University of Luxembourg, Luxembourg)  |
| 1571038041 | Detection of cardiac arrhythmias in a 12-lead ECG dataset of more than 10,000 patients: a preliminary study using clustering algorithms                            | Jessica Alvaríño Durán, Betania Hernández-Ocaña, José Hernández-Torruco and Oscar Chávez-Bosquez (Universidad Juárez Autónoma de Tabasco, Mexico)  |
| 1571038461 | Efficient Data Processing Pipelines for Mobility Data Using MongoDB  | Camelia Florina Andor (Babes-Bolyai University, Romania); Vlad Alexe and Norbert Petrovici (Babes-Bolyai University of Cluj-Napoca, Romania)   |
| 1571038852 | Insights into the Applications of Bayesian Networks in Software Engineering  | Thiago Rique (IFPB, Brazil); Emanuel Dantas (VIRTUS, Brazil); Mirko Perkusich (VIRTUS-UFCG, Brazil); Kyller Costa Gorgônio (Federal University of Campina Grande, Brazil); Hyggo Almeida (UFCG, Brazil); Angelo Perkusich (Federal University of Campina Grande, Brazil)   |
| 1571038908 | Assessing Interaction Mechanics in Extended Reality for Control Engineering Applications   | Armin Remenyi and Saleh Ragheb Saleh Alsaleh (Tallinn University of Technology, Estonia); Aleksei Tepljakov (Tallinn University of Technology & R8 Technologies OÜ, Estonia)   |
| 1571038938 | Traffic Matrix Estimation Using Invertible Neural Networks   | Grigorios Kakkavas (National Technical University of Athens (NTUA) & Institute of Communication and Computer Systems (ICCS), Greece); Petros Maratos (National Technical University of Athens, Greece); Vasileios Karyotis (Ionian University & NETMODE Lab, NTUA, Greece); Symeon Papavassiliou (National Technical University of Athens, Greece)                 |
| 1571039030 | Integrating Open-Source VoNR in 5G SA Private Networks: An Experimental Evaluation   | Elena-Ramona Modroiu (Technische Universität Berlin, Germany); Joyce Mwangama (University of Cape Town, South Africa); Marius Corici (Fraunhofer FOKUS, Germany); Thomas Magedanz (Fraunhofer Institute FOKUS / TU Berlin, Germany)  |
| 1571039629 | Analysis of the Gamification Aspects of Digital Educational Tools Using Gamification Classification  | Ana Vrcelj Bozic (University of Rijeka & Civil Engineering Technical School in Rijeka, Croatia); Natasa Hoic-Bozic, Martina Holenko Dlab and Kristian Stančin (University of Rijeka, Croatia); Tomislav Jagušć (University of Zagreb, Croatia)   |
| 1571039648 | Comparative Analysis of Wildfire Segmentation Using Satellite Images of Different Spectral Bands Downloaded from the Copernicus Sentinel and Nimbo Earth Platforms | Ana Šarić Gudelj (FESB & University of Split, Croatia); Vladan Papić (University of Split, Croatia)  |
| 1571039925 | Recent Trends and Open Issues in Cyber Security for Online Platforms   | Hiba Akli (University of Angers, France & Esaip Engineering School, France); Karim Zkik (CERADE, France); Stephane Igor (University of Angers, France); Sofiane Hamrioui (ESAIP School, France); Pascal Lorenz (University of Haute Alsace, France)  |
| 1571039932 | Integrating creativity in a STEAM physics lesson by using 3D Printing and a humanoid robot Nao   | Borislava Kostova (Bulgarian Academy of Science, Bulgaria); Ivan Chavdarov (Bulgarian Academy of Sciences, Bulgaria & St Kliment Ohridski, Bulgaria); Galya Tsaneva (Bulgarian Academy of Science, Bulgaria); Snezhana Kostova (Bulgarian Academy of Sciences Sofia, Bulgaria); Aleksandar Krastev (Institut of Robotics, Bulgarian Academy of Sciences, Bulgaria) |
| 1571039934 | Automated Data Correlation for IoT Anomaly Detection with B5G Networks   | Vikramajeet Khatri and Mehrnoosh Monshizadeh (Nokia Bell Labs, Finland); Sina Hojjatinia (Aalto University, France & Nokia, Finland); Siwar Kriaa (Nokia Bell Labs, France); Petri Mähönen (Aalto University, Finland)   |
| 1571039945 | Power Savings of Device-to-Device (D2D) Communication System Using Several Bands 5G Underlying Cellular Networks   | Razan A. Shatnawi, Mahmoud A. Khodeir and Mamoun F. Al-Mistarihi (Jordan University of Science and Technology, Jordan); Khalid A. Darabkh (The University of Jordan, Jordan)   |
| 1571039946 | Enhanced 5G Device-to-Device (D2D) Security in Spectrum Sharing System   | Ayat M. Alrjoob (German-Jordanian University, Jordan); Ahmad Ababneh and Mamoun F. Al-Mistarihi (Jordan University of Science and Technology, Jordan); Khalid A. Darabkh (The University of Jordan, Jordan)  |
| 1571039947 | Securing Primary Users in IoT 5G Cognitive Radio Networks  | Ayat M. Alrjoob (German-Jordanian University, Jordan); Ahmad Ababneh and Mamoun F. Al-Mistarihi (Jordan University of Science and Technology, Jordan); Khalid A. Darabkh (The University of Jordan, Jordan)  |
| 1571039949 | The Potential of Computational Intelligence to Extend the Lifespan of Internet of Things Power-Limited Sensor Networks   | Khalid A. Darabkh and Muna R. Al-Akhras (The University of Jordan, Jordan)   |
| 1571039987 | Predictive Modeling of Autonomous Vehicle Behavior With Imbalanced & Mixed Data  | Celine Serbouh (CNAM, France & UTAC, France); Iness Ahriz (CNAM, France); Ndeye Niang Keita (Cnam, France); Alain Piperno (UTAC, France)   |

|            |  |   |
|------------|--|---|
| 1571039988 | ConSUMO: simulation based tool to evaluate mobile traffic impact on cell towers load   | Gabriel Panini, Claudia Canali and Riccardo Lancellotti (University of Modena and Reggio Emilia, Italy)   |
| 1571040003 | RAG-Aided Approach to Network Experimentation: Case of Wireless Environment Channel Capacity Analysis under Fading and Co-Channel Interference Conditions with Beaulieu-Xie Distribution | Dragana Krstić (University of Niš, Serbia); Suad Suljovic (Academy of Technical Professional Studies Belgrade, Serbia); Nenad Petrovic (University of Nis, Faculty of Electronic Engineering, Serbia); Miodrag Brklje (Tehpro doo, Belgrade, Serbia); Zoran Popovic (Technical College of Vocational Studies, Zvečan, Serbia)   |
| 1571040054 | Towards an Efficient Navigation Solution for Visually Impaired Individuals: Concepts and Constraints   | Iness Ahric (CNAM, France); Wafa Njima (Institut Supérieur d'Electronique de Paris, France); Lounis Zeroul (Conservatoire Nation Des Arts et Metiers, France); Samuel Garcia (CNAM, France); Maria Camila Molina (Conservatoire National des Arts et Métiers & N-Vibe, France); Charlie Galle (N-Vibe, France); Dany Merhej (CNAM, Lebanon); Lina Mroueh (Institut Supérieur d'Electronique de Paris, France); Michel Terré (CNAM, France)  |
| 1571040055 | Growth Plate Area Segmentation on Knee MRIs  | Ana Pinjuh (University of Mostar, Bosnia and Herzegovina); Linda Vickovic (University of Split, Croatia); Sven Gotovac (University of Split & FESB, Croatia); Dunja Božić Štulić (University of Split, Croatia)   |
| 1571040063 | Comparison of signal pre-processing and Machine Learning modelling for water-leak detection using vibration and pressure data  | Luisiana Sabbatini and Marco Esposito (Università Politecnica Delle Marche, Italy); Alberto Belli and Paola Pierleoni (Università Politecnica delle Marche, Italy)  |
| 1571040073 | Adaptive Resource Management in Software-Defined Networks for IoT Ecosystems   | Ugochukwu Okwudili Matthew, Sr (Federal University of Lavras, Brazil & Hussaini Adamu Federal Polytechnic, Nigeria); Muhammad Shoaib Ayub (Universidad de Santiago, Chile); Pablo Adasme (University of Santiago de Chile, Chile); Renata Lopes Rosa (Universidade Federal de Lavras, Brazil); Demostenes Zegarra Rodriguez (Federal University of Lavras & Nokia Technology Institute, Brazil); Muhammad Saadi (University of Central Punjab Lahore, Pakistan); Frederico G Guimaraes (Universidade Federal de Minas Gerais, Brazil) |
| 1571040074 | ML Classification of BLE Packets Using Restrained Receiver QoS Metrics   | Morgane Joly (Université Gustave Eiffel & NXP, France); Eric Renault (LIGM, Université Gustave Eiffel, CNRS, ESIEE Paris, France); Fabian Riviere (NXP Semiconductors, France)  |
| 1571040078 | Automated Validation of Spatial Data   | João Victor Teófilo Salgado (UFLA, Brazil); Demostenes Zegarra Rodriguez (Federal University of Lavras & Nokia Technology Institute, Brazil); Vinicius Victor Dias (UFLA, Brazil); Renata Lopes Rosa (Universidade Federal de Lavras, Brazil)   |
| 1571040301 | Fusing Reconfigurable Intelligent Surfaces with 6G Non-Terrestrial Networks  | Muhammad Shoaib Ayub (Universidad de Santiago, Chile); Pablo Adasme (University of Santiago de Chile, Chile); Demostenes Zegarra Rodriguez (Federal University of Lavras & Nokia Technology Institute, Brazil); Renata Lopes Rosa (Universidade Federal de Lavras, Brazil); Muhammad Iqbal and JenYi Pan (National Chung Cheng University, Taiwan); Thokozani Calvin Shongwe (University of Johannesburg, South Africa)   |
| 1571040397 | Framework for Integrating Threat Modeling into a DevOps Pipeline for Enhanced Software Development   | Lyuben Nikolov and Adelina P. Aleksieva-Petrova (Technical University of Sofia, Bulgaria)   |
| 1571040669 | On the Performance of the UAV-based Multi-Source FSO Communications  | Wafaa Mohammed Ridha Shakir (Al-Furat Al-Awsat Technical University, Iraq); Zainab Qasim Abdulazeez (Al-Furat Al-Awsat Technical University & Engineering Technical College-Najaf, Iraq)  |
| 1571043411 | End-To-End Network Flow Path Calculation in Beyond 5G Multi-Tenant Infrastructures   | Angel M Gama Garcia (University of the West of Scotland & Universidad de Alicante, United Kingdom (Great Britain)); Pablo Benlloch-Caballero (University of West Scotland, United Kingdom (Great Britain)); Qi Wang (University of the West of Scotland, United Kingdom (Great Britain)); Higinio Mora (University of Alicante, Spain); Jose Maria Alcaraz Calero (University of the West of Scotland & School of Engineering and Computing, United Kingdom (Great Britain))  |
| 1571043740 | An Efficient Decentralized Fine-grained Access control for IoT Ecosystems over NDN   | Ferhat Mecerhed (Université Polytechnique Hauts-de-France, France & University of Lübeck, Germany); Imine Youcef (Univ Polytechnique Hauts-De-France LAMIH CNRS, France); Antoine Gallais (Univ Polytechnique Hauts-De-France LAMIH CNRS & INSA Hauts-De-France, France); Stefan Fischer and Mohamed Ahmed Mohamed Hail (University of Lübeck, Germany)   |
| 1571043777 | UWB Channel Impulse Response Alignment Techniques for Accurate Indoor Radio Sensing  | Teodora Kocevka, Martin Murko and Aleš Simončič (Jožef Stefan Institute, Slovenia); Grega Morano (Jozef Stefan Institute, Slovenia); Tomaž Javornik (Jožef Stefan Institute, Slovenia & Jožef Stefan International Postgraduate School, Slovenia); Bostjan Batagelj (University of Ljubljana, Slovenia); Andrej Hrovat (Jožef Stefan Institute, Slovenia)   |
| 1571043917 | Deploying Testbed Docker-based application for Encryption as a Service in Kubernetes   | Amir Javadpour (University of Oulu, Finland); Forough Ja'fari (Sharif University of Technology, Iran); Tarik Taleb (Ruhr University Bochum, Germany); Chafika Benzaid (University of Oulu, Finland & University of Sciences and Technology Houari Boumediene (USTHB), Algeria); Luis Rosa (OneSource, Portugal); Pedro Tomás (OneSource & University of Coimbra, Portugal); Luis Cordeiro (OneSource, Portugal)   |
| 1571044134 | A Cloud-Based Software Architecture for a Course Recommender System  | Anna Draganova (Sofia University, Bulgaria); Adelina P. Aleksieva-Petrova (Technical University of Sofia, Bulgaria); Milen Petrov (Sofia University, Bulgaria)  |
| 1571044193 | Smart Street Lighting for Enhancing Energy Efficiency in Urban Environments  | Visnja Krizanovic (University of Osijek, Croatia); Ana Pejovic (Josipa Kozarca 51, Croatia); Patrik Pracny (University of Osijek, Croatia)  |

|            |  |   |
|------------|--|---|
| 1571044435 | AI/ML-Enhanced Security Monitoring for 5G-Enabled Big Data Sensor Networks   | Stefania Efigênia Iza da Silva (UFLA, Brazil); Renata Lopes Rosa (Federal University of Lavras, Brazil); Demostenes Zegarra Rodriguez (UFLA, Brazil); Pablo Adasme (University of Santiago de Chile, Chile); Muhammad Saadi (University of Central Punjab Lahore, Pakistan)   |
| 1571044503 | Anonymization-based method for privacy-preservation of users in Internet services  | Dardan Maraj (University of Zagreb, Kosovo); Marin Vukovic (University of Zagreb Faculty of Electrical Engineering and Computing, Croatia)  |
| 1571044542 | A Methodology for Risk Management of Generative AI based Systems   | Raimir Holanda and Daniel Colares (University of Fortaleza, Brazil)   |
| 1571044644 | Enhancing 6G Network Security Based on Cognitive Radio and Cluster Assisted Downlink Hybrid Multiple Access                                  | Umar Ghafoor (National University of Sciences and Technology, Pakistan); Adil Siddiqui (Military College of Signals, National University of Sciences and Technology, Pakistan)  |
| 1571044947 | Feasibility of Embroidered Body Worn Antenna as EM Sensor for Radiated Emissions Measurement   | Muhammad Naufal Arira (Bandung Institute of Technology, Indonesia); Agus D. Prasetyo (Telkom University, Indonesia & Institut Teknologi Bandung, Indonesia); Jamal Zaid (303 Terry Fox Drive, Canada & R&D, Huawei technologies, Canada); Yohandri Yohandri (Universitas Negeri Padang, Indonesia); Muhammad Fauzan Edy Purnomo (Brawijaya University, Indonesia); Achmad Munir (Institut Teknologi Bandung, Indonesia) |
| 1571045279 | Advancing Healthcare 5.0 through Federated Learning: Opportunity for Security Enforcement using Blockchain                                   | Ugochukwu Okwudili Matthew, Sr (Federal University of Lavras, Brazil & Hussaini Adamu Federal Polytechnic, Nigeria); Renata Lopes Rosa (Federal University of Lavras, Brazil); Demostenes Zegarra Rodriguez (UFLA, Brazil); Pablo Adasme (University of Santiago de Chile, Chile); Muhammad Shoaib Ayub (Universidad de Santiago, Chile)  |
| 1571045294 | Network Traffic Intrusion Detection  | Martina Antonic and Frane Žada (University of Zagreb, Croatia)  |
| 1571045303 | Analyzing Reading Patterns with Webcams: An Eye-Tracking Study of the Albanian Language  | Alba Haveriku, Iris Haxhija and Elinda Kajo Mece (Polytechnic University of Tirana, Albania)  |
| 1571045335 | Challenges and Opportunities of Artificial Intelligence in Medical Education: Recommendations for Better Integration in Pre-clinic Curricula | Birgit Pohn (University of Applied Sciences Technikum Wien & Medical University Graz, Austria); Lars Mehnen (Technikum Wien, Austria); Ralf Braun and Sepideh Hatamikia (Danube Private University, Austria)  |
| 1571045731 | SynchEduca: A Web-Based Environment for Simulating Java Synchronization Concepts   | Miroslav Popovic (Brightlightness.com, Croatia); Robert Idlbek and Kristian Dokic (Josip Juraj Strossmayer University of Osijek, Croatia)   |
| 1571046166 | Automatically Generated Practice in the Classroom: Exploring Performance and Impact Across Courses   | Rachel Van Campenhout (VitalSource, USA); Benny G Johnson (VitalSource Technologies, USA); Michelle Clark (VitalSource, USA); Melissa Deininger (Iowa State University, USA); Shannon Harper, Kelly Odenweller and Erin Wilgenbusch (Iowa State University, Croatia)  |
| 1571052228 | Using the YOLOv8 model for Fire and Smoke Detection: Precision Analysis in Mediterranean Olive grooves                                       | Martin Josipović (FESB, Croatia); Ana Kuzmanić Skelin and Mirjana Bonkovic (Faculty of Electrical Engineering, Croatia)   |