SoftCOM 2022 PRELIMINARY LIST OF PAPERS

S1/1: MACHINE LEARNING APPLICATIONS

1570818098	ATMAS: Airplane Trajectory Missing Alarm System based on Deep Learning	Qiaoqiao Zhu (Ocean University of China, China); Zexin Wu (Qingdao Air Traffic Management Station of Civil Aviation of China, China); Jie Nie (Ocean University of China, China)
1570822288	Classification Algorithms for Analyzing Parkinson's Disease Patient	Osiris Escamilla-Luna (Universidad Juarez Autonoma de Tabasco, Mexico); Miguel A. Wister (Juarez Autonomous University of Tabasco, Mexico); José Hernández-Torruco (Universidad Juárez Autónoma de Tabasco, Mexico)
1570799491	Siamese Network for Content-Based Image Retrieval: Detection of Alzheimer's Disease from neuroimaging data	Ivana Marin (University of Split, Croatia); Tea Marasović (FESB, Split, Croatia); Sven Gotovac (University of Split & FESB, Croatia)
1570819047	Performance comparison of generic and quantized fully connected and convolutional neural networks for real-time signal/background classification	Arijana Mišura, Josip Music, Julije Ozegovic and Damir Lelas (University of Split, Croatia)
1570819149	Individual Olive Tree Detection in RGB Images	Ivana Marin (University of Split, Croatia); Sven Gotovac (University of Split & FESB, Croatia); Vladan Papic (University of Split, Croatia)

S1/2: MACHINE LEARNING APPLICATIONS

1570818652	Analyses of Recent Advances on Machine Learning-based Trust Management for Mobile IoT Applications	Hiba Souissi (Université de Technologie de Compiègne, Algeria); Michael Mahamat (Université de Technologie de Compiègne, France); Ghada Jaber (Universite de Technologie de Compiegne, France); Hicham Lakhlef (Université de Technologie de Compiègne, France); Abdelmadjid Bouabdallah (Universite de Technologie - Compiegne, France)
1570818952	Comparison of Machine Learning Models for Predicting Indoor Materials from Channel Impulse Response	Teodora Kocevska (Jožef Stefan International Postgraduate School & Jožef Stefan Institute, Slovenia); Tomaz Javornik and Ales Svigelj (Jozef Stefan Institute, Slovenia); Ke Guan (Beijing Jiaotong University, China); Aleksandra

		Rashkovska (Jozef Stefan Institute, Slovenia); Andrej Hrovat (Jožef Stefan Institute, Slovenia)
1570818955	Generative Recurrent Network For Design SARS-CoV-2 Main Protease Inhibitor	Adham Khaled Hassan and Zeinab Taha (October University for Modern Sciences and Arts, Egypt)
1570822248	Machine Learning-based Model for Defining Circuit-level Parameters of VCSEL	Ihtesham Khan, Lorenzo Tunesi and Muhammad Umar Masood (Politecnico di Torino, Italy); Enrico Ghillino (Synopsys, Inc, USA); Vittorio Curri, Andrea Carena and Paolo Bardella (Politecnico di Torino, Italy)
1570819146	ML-based Video Streaming QoE modeling with E2E and Link Metrics	Lei Wang (University College Dublin (UCD), Ireland); Declan Delaney (University College Dublin, Ireland)

S2: SIGNAL PROCESSING

1570813482	Fast and accurate song recognition: an approach based on Multi-Index Hashing	Salvatore Serrano and Marco Scarpa (University of Messina, Italy)
1570822059	Blind Channels Responses Estimation by Constrained Clustering	Michel Terré, Luc Féty and Thierry Horsin (CNAM, France)
1570822283	All-to-All Personalized Communication on Fat-Trees Using Latin Squares	Daniele Izzi (University "La Sapienza", Italy); Annalisa Massini (Sapienza University of Rome, Italy)

S3: 5G&B5G TECHNOLOGIES

1570808967	Performance Evaluation for End-to-End Slice Management in 5G/B5G Cellular Networks	Noor Abdalkarem Mohammedali and Triantafyllos Kanakis (University of Northampton, United Kingdom (Great Britain)); Ali Al-Sherbaz (The University of Gloucestershire & School of Computing and Engineering, United Kingdom (Great Britain)); Michael Opoku Agyeman (University of Northampton, United Kingdom (Great Britain))
1570812667	NetApps Approach for Accelerating Vertical Adoption of 5G Networks: A UAV Case	Ignacio Martinez-Alpiste and Gelayol Golcarenarenji (University of the West of Scotland, United Kingdom (Great Britain)); Dimitrios Klonidis (UBITECH, Greece); Jose Maria Alcaraz Calero (University of the West of Scotland & School of Engineering and Computing, United Kingdom (Great Britain)); Qi Wang (University of the West of Scotland, United Kingdom (Great Britain))

1570818423	Ethernet communication over IP transport for industrial and private cellular network	Vikramajeet Khatri (Nokia Bell Labs, Finland); Mehrnoosh Monshizadeh (Nokia Bell Labs, France); Kari Tiirikainen (Cloud Network Services, Nokia, Finland)
1570819034	Experimental demonstration of hybrid photonics-based ARoF system for 5G and B5G networks	Armands Ostrovskis (Riga Technical University, Latvia); Toms Salgals (RTU, Latvia); Kristaps Rubuls (Riga Technical University, Latvia); Laura Skladova (RTU, Latvia); Vjaceslavs Bobrovs and Sandis Spolitis (Riga Technical University, Latvia)
1570819036	Impact of Multi-Layer Recurrent Neural Networks in the Congestion Analysis of TeraHertz B5G/6G MAC Mechanism	Djamila Talbi (Universtiy of Debrecen, Hungary); Zoltan Gal (University of Debrecen, Hungary)
1570819075	Performance Assessments For SDN Control Plane Into Distinct Network Topologies	Pantelimon-Teodor Tivig (University Politehnica of Bucharest & Luxoft Romania, Romania); Eugen Borcoci (University Politehnica of Bucharest, Romania)
1570820237	Distance Based Server Selection in 5G Networks	Åke Arvidsson (Kristianstad University, Sweden)

S4: WIRELESS COMMUNICATIONS

1570813794	Design of Pattern-Reconfigurable Six-Elements Dipole Array for 5G Compact Base Station	Saber Dakhli (IETR Laboratory, INSA Rennes & Innov'Com Laboratory, SUPCOM, University of Carthage Tunis, France); Mohamed Khammeri (Land Army Ministry of Defense, Tunisia); Jean-Marie Floc'h (INSA of Rennes, France); Feten Slimeni (Tunisia Polytechnic School, Tunisia)
1570817317	A Comparative Study of Vegetation Attenuation at Millimeter Waves Bandwidth	Maciej Nikiforuk and Krzysztof Cichoń (Poznan University of Technology, Poland)
1570812897	Indoor Positioning: Comparing Different Techniques and Choosing the Best One for a User Authentication Real Scenario	Joaquín Perez Balbela (Universidad Internacional de La Rioja - UNIR, Spain); Aruna Prem Bianzino (Funditec, Spain)
1570818817	Determining the ABEP under the Influence of K-µ Fading and CCI with SC combining at L-branch Receiver Using Moment Generating Function	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); Sinisa Minić (Teachers College in Prizren - Leposavic, Serbia); Zoran Popovic (Technical College of Vocational Studies, Zvecan, Serbia)

1570819133	Analytical Traffic Model for a Multidomain IMS/NGN Network Including Service and Transport Stratum	Sylwester Kaczmarek (Gdansk University of Technology & Faculty ETI, Poland); Maciej Sac (Gdansk University of Technology, Poland); Michał Cieśliński (Comarch S.A., Poland)

S5: OPTICAL COMMUNICATIONS

1570812670	IEEE 802.1X Virtual Network Function Development for NG-PON Architecture	Igor Araújo and Solange Rito Lima (Centro Algoritmi, University of Minho, Portugal); Andre Brizido (Altice Labs, Portugal)
1570812872	Network Sanity Checks Through Graphs	Gian Paolo Jesi and Andrea Odorizzi (Lepida ScpA, Italy); Gianluca Mazzini (LepidaSpA & UniFe, Italy)
1570813304	Networking Analysis of Photonics Integrated Multiband WSS Based ROADM Architecture	Muhammad Umar Masood, Ihtesham Khan, Lorenzo Tunesi, Bruno Correia and Rasoul Sadeghi (Politecnico di Torino, Italy); Enrico Ghillino (Synopsys, Inc, USA); Paolo Bardella, Andrea Carena and Vittorio Curri (Politecnico di Torino, Italy)
1570818753	QoS Resource Reservation Mechanisms for Switched Optical Networks	Sylwester Kaczmarek (Gdansk University of Technology & Faculty ETI, Poland); Magdalena Młynarczuk (Gdańsk University of Technology & Faculty ETI, Poland); Arkadiusz Dumin (ADVA Optical Networking, Poland)
1570822148	Adaptive Weights-based Dynamic Resource Provisioning in Space Division Multiplexed-Elastic Optical Networks (SDM-EONs)	Anjali Sharma and Baljinder Singh Heera (Indian Institute of Technology Kanpur, India); Varsha Lohani (IIT Kanpur, India); Yatindra Nath Singh (Indian Institute of Technology Kanpur, India)

S6: SOFTWARE AND SYSTEMS ENGINEERING

1570812922	Design and Implementation of a Software Vulnerabilities and Application Research Tool	Elisa Benetti (LepidaScpA, Italy); Andrea Zucchelli (Lepida ScpA, Italy); Gianluca Mazzini (LepidaSpA & UniFe, Italy)
1570813101	Performance comparison of technological solutions for Spark applications in AWS	Riccardo Lancellotti and Stefano Rossi (University of Modena and Reggio Emilia, Italy); Giuseppe Calogero Miano and Fabio Miselli (Doxee, Italy)
1570813350	Empirically Derived Use Cases for Software Analytics	Thiago Rique, Emanuel Dantas and Mirko Perkusich (VIRTUS, Brazil); Kyller Costa Gorgônio, Hyggo Almeida and Angelo Perkusich (Federal University of Campina Grande, Brazil)

1570813669	Microservice performance in Container- and Function-as-a-Service architectures	Claudia Canali, Riccardo Lancellotti and Pietro Pedroni (University of Modena and Reggio Emilia, Italy)
1570813807	Empirical Assessment on Interactive Detection of Code Smells	Danyllo Wagner Albuquerque (UFCG & Intelligent Software Engineering Group, Brazil); Everton Guimaraes (Penn State University, USA); Mirko Perkusich (VIRTUS, Brazil); Hyggo Almeida and Angelo Perkusich (Federal University of Campina Grande, Brazil)
1570818696	Autonomy for Ships: System Thinking and Engineering	Kjeld Dittmann (Technical University of Denmark (DTU), Denmark)

S7: VEHICULAR COMMUNICATIONS

1570812042	The Solution for Creating a 2D Top-View Map of the Pedestrian Positions Around the Vehicle	Nemanja Avramović (TTTech Auto CEE, Croatia); Mario Vranjes (University of Osijek, Faculty of Electrical Engineering, Computer Science and Information Technology, Croatia); Željko Lukač (University of Novi Sad, Croatia); Jelena Kovacevic (University of Novi Sad, Serbia)
1570812047	Vehicle Distance Estimation Based on Stereo Camera System with Implementation on a Real ADAS Board	Marko Miljković (TTTech Auto CEE, Croatia); Mario Vranjes (University of Osijek, Faculty of Electrical Engineering, Computer Science and Information Technology, Croatia); David Mijić (TTTech Auto CEE, Croatia); Miodrag Đukić (University of Novi Sad, Serbia)
1570812681	SWAP: Secure Warning Messages Authentication and Propagation in Internet of Vehicles	Alessandro Brighente and Mauro Conti (University of Padova, Italy); Harsha Vasudev (University of Padua Italy, India)
1570813771	Sector-Beam Antenna Array for Automotive RADAR System in 77GHz	Saber Dakhli (IETR Laboratory, INSA Rennes & Innov'Com Laboratory, SUPCOM, University of Carthage Tunis, France); Sourour Abdellaoui (Land Army, Ministry of Defense, France); Jean-Marie Floc'h (INSA of Rennes, France); Mimoun Hamdi (Land Army Ministry of Defense, Tunisia)
1570813903	Design and evaluation of a cross-layer MPTCP path manager for vehicular networks	Vadym Hapanchak (University of Minho, Portugal); Antonio D. Costa (Universidade do Minho & Centro ALGORITMI, Portugal)
1570824040	Navigation Systems in terms of User Experience and Multimodal Usability - Evaluation of Effectiveness and Efficiency	Lumbardha Hasimi and Aneta Poniszewska-Maranda (Lodz University of Technology, Poland)

S8: IoT SYSTEMS AND SERVICES

1570813012	LoRa-based System for IoT Applications via HAPS in Remote Areas	Giovanni Giambene (University of Siena, Italy); Karthik Korre (CNIT - University of Siena, Italy)
1570813123	Cloud-based Spectrum Access Control System for Dense IoT Networks	Cezary Adamczyk, Adam Samorzewski, Mateusz Grzyb and Adrian Kliks (Poznan University of Technology, Poland)
1570818920	Twin Delayed DDPG based Dynamic Power Allocation for Intenet of Robotic Things	Homayun Kabir (Universiti Tunku Abdul Rahman & Chittagong University of Engineering and Technology, Malaysia); Tham Mau Luen (UTAR, Malaysia); Yoong Choon Chang (Universiti Tunku Abdul Rahman, Malaysia)
1570817598	Review of Recent Intrusion Detection Systems and Intrusion Prevention Systems in IoT Networks	Zouhair Chiba (FSAC, Hassan II University of Casablanca, Morocco); Noreddine Abghour, Khalid Moussaid and Oumaima Lifandali (FSAC, Hassan II University of Casablanca); Rachid Kinta (FSAC, Hassan II University of Casablanca, Morocco)
1570819053	An Assessment Platform of Cybersecurity Attacks against the MQTT Protocol using SIEM	Mohamed Hadded (IRT SYSTEMX, France); Gaspard Lauras, Jerome Letailleur, Yohann Petiot and Anouk Dubois (IRT SystemX, France)
1570822194	Securing IoT services based on security requirement categories	Karlo Slovenec (University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia); Marin Vukovic (University of Zagreb Faculty of Electrical Engineering and Computing, Croatia); Denis Salopek (University of Zagreb, Croatia); Miljenko Mikuc (University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia)

S9: NATURAL LANGUAGE PROCESSING

1570812686	Analysis of the Textual Information Extracted from News Portals	Linda Vickovic, Petra Lovrić and Hrvoje Karna (University of Split, Croatia)
1570812949	A Hybrid Deep Learning Technique for Sentiment Analysis in E-Learning Platform with Natural Language Processing	Jay Krishna and Anupam Das (Royal Global University, India); Joann Rosak-Szyrocka (Czestochowa University of Technology, India)
1570820685	Employing a Seq2Seq Model for Spelling Correction in Albanian Language	Evis Trandafili, Alba Haveriku and Anea Bendo (Polytechnic University of Tirana, Albania)
1570827623	Data Structures Analysis for Text Processing in the Framework of NLP Classification in Polish	Urszula Krzeszewska and Aneta Poniszewska-Maranda (Lodz University of Technology, Poland)

SS1: SPECIAL SESSION ON QoS IN WIRED AND WIRELESS NETWORKS

1570811494	Subjective Assessment of the Quality of Video Sequences by the Young Viewers	Stefan Brachmanski (Wrocław University of Science and Technology, Poland); Janusz Henryk Klink (Wroclaw University of Science and Technology, Poland)
1570812317	Determination of Video Service Quality in an IP Environment with the Use of Different Software Tools: A Comparison Study	Tadeus Uhl (Maritime University of Szczecin/Poland, Poland); Christian Hoppe (Nextragen Solutions GmbH, Germany); Janusz Henryk Klink (Wroclaw University of Science and Technology, Poland)
1570813751	Method of 5G TDD midhaul multiplexing gain estimation based on system-level traffic measurements	Dominik Dulas (Nokia Siemens Networks & Wroclaw University of Science and Technology, Poland); Katarzyna Maraj-Zygmat and Krzysztof Walkowiak (Wroclaw University of Science and Technology, Poland)
1570817712	Adaptive Multi-Connectivity Activation for Throughput Enhancement in 5G and Beyond Non-Terrestrial Networks	Mikko Majamaa (Magister Solutions Ltd, Finland); Henrik M J Martikainen (Magister Solutions Ltd. & Nokia, Finland); Lauri Sormunen (Magister Solutions Ltd, Finland); Jani Puttonen (Magister Solutions Ltd., Finland)
1570818778	On Queueing Models for the Performance Analysis of a Vehicular Ad Hoc Network	Irene Lidia Keramidi (University of Peloponnese, Greece); Dimitrios Uzunidis (University of West Attica, Greece); Ioannis Moscholios (University of Peloponnese, Greece); Panagiotis Sarigiannidis (University of Western Macedonia, Greece); Michael D. Logothetis (University of Patras, Greece)
1570818909	OFDM-Based Joint Radar-Communications System: Ambiguity Function Analysis	Ammar Khaoula (SupCom / Tunisia, Tunisia); Ridha Bouallegue (Innov'COM @ Sup'Com., Tunisia)
1570819137	An impact of the encoding bitrate on the quality of streamed video presented on screens of different resolutions	Janusz Henryk Klink (Wroclaw University of Science and Technology, Poland); Stefan Brachmanski (Wrocław University of Science and Technology, Poland)

SS2: SPECIAL SESSION ON AD HOC&SENSOR NETWORKS AND INTERNET OF THINGS

1570811063	Performance of a wireless OCDMA network for baby bed monitoring in a nursery context	Amina Boussebt (University of Limoges & XLIM CNRS 7252, France); Stéphanie Sahuguède (XLIM UMR CNRS 7252 - University of Limoges, France); Anne Julien-Vergonjanne (University of

		Limoges & XLIM CNRS 7252, France); Sébastien Reynaud (High Frequency Systems Department, France & CISTEME, France)
1570817475	Detection of Tennis Strokes using Wearable Sensor	Omar Hazem and Ahmed Farouk (October University for Modern Sciences and Arts (MSA), Egypt)
1570819069	Cost Effective Smart Parking System on Campus	Andrew Jung, Daniel Baqaeen, Rachel Liang and Magdalene Piotrowski (University of Hartford, USA)
1570821729	Population-based Optimization Model for Energy-Efficient Cluster Formation in Wireless Sensor Networks	Abdullah Alomari (Albaha University, Saudi Arabia)
1570822294	LogStack: A smart Logging Stack Approach for IoT devices based NDN (IoT-NDN)	Mohamed Ahmed Mohamed Hail (University of Lübeck, Germany); Leon Christopher Dietrich (University of Luebeck, Germany); Stefan Fischer (University of Lübeck, Germany)

SS3: SPECIAL SESSION SECURTTY AND DIGITAL FORENSICS

1570813791	An efficient Federated Identity Management Protocol for Heterogeneous Fog computing Architecture	Imine Youcef (Univ Polytechnique Hauts-De-France LAMIH CNRS, France); Antoine Gallais (Univ Polytechnique Hauts-De-France LAMIH CNRS & INSA Hauts-De-France, France); Yacine Challal (University of Doha for Science and Technology & Heudiasyc lab. UMR CNRS, Qatar)
1570818727	Telecom Fraud Detection with Machine Learning on Imbalanced Dataset	Ivan Krasić (Trg Žrtava Domovinskog Rata 9, Bosnia and Herzegovina); Stipe Celar (University of Split & FESB, Croatia)
1570822062	Base systems for Docker containers -- security analysis	Arkadiusz Maruszczak, Michał Walkowski and Sławomir Sujecki (Wroclaw University of Science and Technology, Poland)
1570813393	Predicting vulnerabilities in web applications based on website security model	Ivan Kovačević, Mihael Marović and Stjepan Gros (University of Zagreb, Croatia); Marin Vukovic (University of Zagreb Faculty of Electrical Engineering and Computing, Croatia)
1570822087	Blockchain Redaction in Self-Sovereign Identity	Šeila Bećirović (University of Sarajevo, Bosnia and Herzegovina); Špela Čučko (University of Maribor, Slovenia); Muhamed Turkanović (University of Maribor, Faculty of Electrical Engineering and Computer Science, Slovenia); Haris Supic and Sasa Mrdovic (University of Sarajevo, Bosnia and Herzegovina)

1570822195	Let's Read: Analysing S/MIME certificate vendors' Efficiency and Privacy	Tobias Mueller (Uni Hamburg, Germany); Max E. Hartenstein (Universität Hamburg, Germany)
1570812730	Basic parameters of the IDQ Clavis3 QKD system	Ondrej Klicnik, Adrian Tomasov, Petr Munster, Tomas Horvath and Jan Hajný (Brno University of Technology, Czech Republic)

SS4: SPECIAL SESSION ON GREEN NETWORKING AND COMPUTING

1570810922	Energy Efficient and Context-aware Trajectory Planning for Mobile Data Collection in IoT using Deep Reinforcement Learning	Sana Benhamaid (University of Technology of Compiegne & Heudiasyc Laboratory, France); Hicham Lakhlef (Université de Technologie de Compiègne, France); Abdelmadjid Bouabdallah (Universite de Technologie - Compiegne, France)
1570813611	An Approach based on vSDN to Optimize Power Consumption	Euclides Neto (University of New Brunswick, Canada); Gustavo Callou (Federal Rural University of Pernambuco & UFRPE, Brazil)
1570813820	Cooling power dependency simulation for real-world data center data	Jana Backhus (Hitachi America Ltd., USA); Yasutaka Kono (Hitachi Ltd., Japan)
1570821327	PWU: Pre-Wakeup for CPU Idle to Reduce Latency and Power Consumption	Kei Fujimoto, Hikaru Harasawa and Ko Natori (NTT Corporation, Japan); Ikuo Otani (NTT, Japan); Shogo Saito and Akinori Shiraga (NTT Corporation, Japan)

SS5: SPECIAL SESSION ON ENVIRONMENTAL ELECTROMAGNETIC COMPATIBILITY (EEMC)

1570796819	Analysis of SAR in a Simplified Body Model due to a Short Dipole Antenna Radiation	Anna Šušnjara (University of Split & FESB, Croatia); Dragan Poljak and Ivan Matić (University of Split, FESB, Croatia)
1570818007	Septum Feed Design for Right and Left Circular Polarisation	Maja Škiljo and Zoran Blažević (University of Split, Croatia); Dragan Poljak (University of Split, FESB, Croatia)
1570818956	Stochastic-Deterministic Electromagnetic Modeling of Human Head Exposure to Microsoft HoloLens	Ante Lojić Kapetanović (University of Split, Croatia); Anna Šušnjara (University of Split & FESB, Croatia); Dragan Poljak and Mladen Russo (University of Split, Croatia)

SS6: SYMPOSIUM ON ROBOTICS AND ICT ASSISTED WELLBEING

1570812181	Topology optimization of an assembled 3D printed robot	Ivan Chavdarov (Institut of Robitics, Bulgarian Academy of Sciences & Sofia University "St. Kliment Ohridski", FMI, Bulgaria); Bozhidar Naydenov (Dassault Systemes & Institut of Robitics, Bulgarian Academy of Sciences, Bulgaria); Kaloyan M Yovchev and Lyubomira Miteva (Sofia University, Bulgaria)
1570812645	Exploratory Behaviour of NAO robot and Comparative Interaction Study of Autistic Children with NAO robot and Human	Mirajul Mohin, Sourav Deb and Saifuddin Md. Tareeq (University of Dhaka, Bangladesh)
1570812946	Neural Network-based End-effector Force Estimation for Mobile Manipulator on Simulated Uneven Surfaces	Stanko Kruzic, Josip Music, Ivo Stancic and Vladan Papic (University of Split, Croatia)
1570818443	Variable Selection for the Prediction of TSS, pH and TA of Intact Berries of Thompson Seedless Grapes from their NIS Reflection	Chrysanthi Chariskou (International Hellenic University, Greece); Christos Bazinas (International Hellenic University (IHU), Greece); Andries Daniels (University of Stellenbosch, South Africa); Umezuruike Opara (Stellenbosch University, South Africa); Hélène Nieuwoudt (University of Stellenbosch, South Africa); Vassilis G. Kaburlasos (International Hellenic University (IHU) & HUman-MAchines INteraction (HUMAIN) Lab, Greece)
1570818811	Live Sensor Data Visualization Using AR for Plant Growth Monitoring	Ela Drutter (Croatia); Mario Miličević (University of Split, Croatia); Ana Kuzmanić Skelin (Faculty of Electrical Engineering, Croatia); Mirjana Bonkovic (University of Split, Croatia)

SS7: SPECIAL SESSION ON ADVANCED EDUCATIONAL TECHNOLOGIES

1570812687	Predicting Final Exam Success Based on Learning Material Usage extracted from Moodle Logs	Suzana Marija Dunatov, Kristian Kasalo, Anamaria Lovrinčević, Jelena Maljković and Antonela Prnjak (University of Split, Croatia)
1570812688	Using Moodle Test Scores to Predict Success in an Online Course	Dorotea Bertović, Marina Mravak, Kristina Nikolov and Nikolina Vidović (University of Split, Croatia)
1570813507	Teaching & Learning Analytics for Data-Based Optimization of Teaching	Birgit Pohn (University of Applied Sciences Technikum Wien); Lars Mehnen

	and Learning Processes in Courses with Blended Learning	(Technikum Wien, Austria); Matthias Blaickner and Isabel Dregely (University of Applied Sciences Technikum Wien, Austria); Thomas Mandl (FH Technikum Wien, Austria)
1570813789	VR Training for Laboratory Environments	Birgit Pohn (University of Applied Sciences Technikum Wien); Josef Wermann (University of Applied Sciences Technikum Wien, Austria)
1570818075	Application of e-learning in theoretical part of the subject Informatics	Boško Lišnić (University of Split, Croatia); Saša Mladenović (University of Split & Faculty of Science, Croatia); Ani Grubisic (University of Split, Croatia)
1570819029	Modelling assessment rubrics through Bayesian networks: a pragmatic approach	Francesca Mangili (DTI, SUPSI & IDSIA - USI, SUPSI, Switzerland); Giorgia Adorni (IDSIA & USI - SUPSI, Switzerland); Alberto Piatti (SUPSI DFA, Switzerland); Claudio Bonesana and Alessandro Antonucci (IDSIA SUPSI, Switzerland)
1570819074	Predicting programming success: How intermittent knowledge assessments, individual psychometrics, and resting-state EEG predict Python programming and debugging skills	Chu-Hsuan Kuo, Malayka Mottarella, Theodros Haile and Chantel Prat (University of Washington, USA)

PAS1: POSTERS/ABSTRACTS SESSION

1570814395	Radio Environment Map and Deep Q-Learning for 5G Dynamic Point Blanking	Marcin Dominik Hoffmann (Poznań University of Technology, Poland); Pawel Kryszkiewicz (Poznan University of Technology, Poland)
1570821629	Use of Facial Expressions to Improve the Social Acceptance of Level 4 and 5 Automated Driving System Equipped Vehicles	Antonio C Marceddu, Jacopo Sini, Bartolomeo Montrucchio and Massimo Violante (Politecnico di Torino, Italy)
1570822027	Performance analysis for next generation CD and CDC based technology optical networks	Stanislaw Kozdrowski (Warsaw University of Technology & Computer Science Institute, Poland); Maria Konieczka and Alicja Poturala (Warsaw University of Technology, Poland); Sławomir Sujecki (Wroclaw University of Science and Technology, Poland)
1570822038	Machine Learning Application to Transmission Quality Assessment in Optical Networks	Stanislaw Kozdrowski (Warsaw University of Technology & Computer Science Institute, Poland); Pawel Cichosz (Warsaw University of Technology, Poland); Sławomir Sujecki (Wroclaw University of Science and Technology, Poland)

1570822158	Quality of Service Evaluation over a 496 km Quantum Key Distribution Network	Miryeong Park (KT corp. & Institute of Convergence Technology, Korea (South)); Kyungwoon Lee, Kanghee Seol and Minsoo Lee (KT corp., Korea (South)); HyungSoo Kim (Korea Telecom, Korea (South))
1570822235	AI Application in Next Generation Programmable Networks	Stanislaw Kozdrowski (Warsaw University of Technology & Computer Science Institute, Poland); Zbigniew Kopertowski (Orange Polska, Poland)
1570814395	Radio Environment Map and Deep Q-Learning for 5G Dynamic Point Blanking	Marcin Dominik Hoffmann (Poznań University of Technology, Poland); Pawel Kryszkiewicz (Poznan University of Technology, Poland)

PROFESSIONAL PROGRAM

WICT: Workshop on Information and Communication Technologies

1570812972	Blending Open Source Tools for Rapid Development of Web Data Entry Interfaces	Gian Paolo Jesi and Paolo Ravelli (Lepida ScpA, Italy); Gianluca Mazzini (LepidaSpA & UniFe, Italy)
1570817562	Integrating google sheets into business processes: an innovative approach	Stefania Nanni (Lepida ScpA, Italy); Gianluca Mazzini (LepidaSpA & UniFe, Italy)
1570819050	Public Attribute System: a novel way to user profiling	Stefania Nanni (Lepida ScpA, Italy); Gianluca Mazzini (University of Ferrara and LepidaSpA, Italy); Massimo Carboni (Lepida Scpa, Italy)

PDS1: Posters/Demos Session

1570820002	Measurement of Shielding Effectiveness (SE) of Conductive Textile Materials on 5G Frequencies	Krešimir Malarić (University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia); Bosiljka Šaravanja (Universty of Zagreb, Faculty of Textile Technology, Croatia); Tanja Pušić (University of Zagreb, Faculty of Textile Technology, Croatia)
1570822021	UAV Reconnaissance in Search and Rescue Missions: Towards Ethically Sound Human-Computer Interaction and System Design	Philip Taupe, Tatjana Ceranic and Michael Hofstätter (AIT Austrian Institute of Technology GmbH, Austria); Georg Aumayr and Birgit Schilcher (Johanniter Österreich Ausbildung und Forschung gem. GmbH, Austria); Martina Philippi (Ruhr-Universität Bochum, Germany); Astrid Raschig and René Kastner (Disaster Competence Network Austria, Austria)