TECHNICAL PROGRAM: SYMPOSIUMS & SPECIAL SESSION

Thursday, September 25, 14:00-15:30, (KORČULA)

SYM1/I: SYMPOSIUM ON ENVIRONMENTAL ELECTROMAGNETIC COMPATIBILITY I

Symposium organizers: Dragan Poljak, Vesna Roje, University of Split, Croatia
Symposium co-chairs: Dragan Poljak, Vesna Roje, University of Split, Croatia

8137 Pregnant Woman Exposed to Extremely Low Frequency Electromagnetic Fields
Cristina González, Andres Peratta, *Wessex Institute of Technology, UK;* Dragan Poljak, *University of Split, Croatia*

8134 Thermal Modelling of the Human Eye Exposed to Laser Radiation
Mario Cvetković, Dragan Poljak, *University of Split, Croatia;* Andres Peratta, *Wessex Institute of Technology, UK*

8139 Helical Antenna Performance in Wideband Communications
Maja Šekelja, Zoran Blažević, Marino Maslać*, University of Split, Croatia*

8112 Computation of the Overhead Power Line Electromagnetic Field
Ivan Sarajčev, Petar Sarajčev, Slavko Vujević*, University of Split, Croatia*

Thursday, September 25, 16:00-17:30, (KORČULA)

SYM1/II: SYMPOSIUM ON ENVIRONMENTAL ELECTROMAGNETIC COMPATIBILITY II

Symposium organizers: Dragan Poljak, Vesna Roje, University of Split, Croatia
Symposium co-chairs: Dragan Poljak, Vesna Roje, University of Split, Croatia

8135 GB-IBEM Model of Vertical Antenna Above, Below and Penetrating Ground
Damir Cavka, Dragan Poljak, *University of Split, Croatia*

8089 Mathematical Model of Lightning Stroke Development
Ivan Sarajcev, Petar Sarajcev, Slavko Vujevic, *University of Split, Croatia*

8136 Analysis of Electromagnetic Field Coupling to a Single Wire above a PEC Ground Using Wire Antenna Theory: Analytical versus Numerical Solution
Dragan Poljak, Silvestar Sesnic, *University of Split, Croatia;* Khalil El Khamlichi Drissi, Kamal Kerroum, *Blaise Pascal University, France*

8127 Effective Length of Horizontal Grounding Electrode
Ivica Jurić-Grgić, Rino Lucić, Dragan Ljubičić, *University of Split, Croatia*

8161 Direction Finding with Compensation of Mutual Coupling Based on Complex Fast ICA in Circular Array Antenna
Parivash Hajiani, Mohammad.Hakkak, *Tarbiat Modares University, Iran*

Who's Afraid of Maxwell's Equations? A Practical Approach - (Invited talk)
Elya Joffe, *K.T.M. Project Engineering, Izrael*

Friday, September 26, 9:00-10:30, (KORCULA)

SYM1/III: SYMPOSIUM ON EMC: ENVIRONMENTAL AND SAFETY ASPECTS III

Symposium organizers: Dragan Poljak, Vesna Roje, University of Split, Croatia
Symposium co-chairs: Dragan Poljak, Vesna Roje, University of Split, Croatia

8140 Conducted Electromagnetic Emission Current Source Modelling by Artificial Neural Networks
Vladimir Čeperić, Adrijan Barić, *University of Zagreb, Croatia*

8132 Some Notes on Transmission Line Representations of Tesla's Transmitters
Zoran Blazevic, Dragan Poljak, *University of Split, Croatia*

8133 Modeling of Tesla's Transmitter using the Wire Antenna Theory with Ground Effects Included
Dragan Poljak, Damir Cavka, Zoran Blazevic, *University of Split, Croatia*

8129 Capacitive coupling clamp
Slavko Radman, Iva Bačić, Krešimir Malarić*, University of Zagreb, Croatia*

Friday, September 26, 15:00-16:30, (KORČULA)

SYM2/I - SYMPOSIUM ON MOBILE WIRELESS NETWORKS I

Symposium organizers: Mario De Blasi, University of Lecce, Italy
Chair: Luigi Patrono, University of Lecce, Italy

8025 InHand – Mobile Professional Context and Location Aware Tools
Paulo A. C. S. Neves, *Institute of Telecomunications, Networks and Multimedia Group, Portugal;* David J. M. Ferreira, Daniel Esteves, Daniel R. M. Félix, Joel J. P. C. Rodrigues, *University of Beira Interior, Portugal*

8059 Performance of Unified Chaotic Systems for Spreading Sequence in DS-CDMA Systems
Karim Kemih, *Jijel University, Algeria*

8075 Roaming, Accounting and Seamless Handover in EAP-TLS Authenticated Networks
Carolin Latze, Ulrich Ultes-Nitsche, *University of Fribourg, Switzerland*

8088 Direct Sequence and Time Hopping Ultra Wideband over IEEE.802.15.3a channel model
Zahra Shaterian, Mehrdad Ardebilipou, *K.N Toosi University of technology, Iran*

8096 IP-based RFID Architecture and Location Management
Phuoc Nguyen Tran, Nadia Boukhatem, *TELECOM ParisTech, France*

Friday, September 26, 17:00-18:30, (KORČULA)

SYM2/II: SYMPOSIUM ON MOBILE WIRELESS NETWORKS II

Symposium organizer: Mario De Blasi, University of Lecce, Italy
Chair: Luigi Patrono, University of Lecce, Italy

A System for Expert Analysis of Tactical Networks' Performances
Joze Mohorko, Sasa Klampfer, *University of Maribor, Slovenia*

Real Time "System-In-The-Loop" Simulation of Tactical Networks
Matjaz Fras, Joze Mohorko, Zarko Cucej, *University Of Maribor, Slovenia*

Result Visualization in Tactical Network Simulation
Gregor Globacnik, Joze Mohorko, Zarko Cucej, *University Of Maribor, Slovenia*

A New Routing Protocol in Mobile Ad Hoc Networks with Selfish Nodes
Fatemeh Saremi, Hamid Mousavi, Ali Movaghar, *Sharif University of Technology, Tehran, Iran*

Comparison of MADM Decision Algorithms for Interface Selection in Heterogeneous Wireless Networks
Phuoc Nguyen Tran, Nadia Boukhatem, *TELECOM ParisTech, France*

Saturday, September 27

Saturday, September 27, 9:00-10:30, (BRAC)

SYM3/I: SYMPOSIUM ON QOS IN WIRED AND WIRELESS NETWORKS I

Symposium organizer: Pascal Lorenz, University of Haute Alsace, Colmar, France
Chair: Pascal Lorenz, University of Haute Alsace, Colmar, France

8023 Residual Bandwidth as Localized QoS Routing Metric
Ahmed S. Alzahrani, Michael E. Woodward, *University of Bradford, UK*

8043 Modelling Quality of Service in IEEE 802.16 Networks
Giuseppe Iazeolla, *University of Roma 'Tor Vergata', Italy;* Pieter Kritzinger, Paolo Pileggi, *University of Cape Town, South Africa*

8099 Quality Assessment of Secure VOIP Communications
Matteo Leggieri, Ennio Gambi, Susanna Spinsante, *Università Politecnica delle Marche, Italy*

8122 Design and Performance Analysis of Inductive QoS Scheduling for Dynamic Network Routing
S. Zouaidi, A. Mellouk, University of Paris XII, France; *M. Bourennane, University of Es-Senia, Algeria;* S. Hoceini, *University of Paris XII, France;*

Saturday, September 27, 11:00-12:30, (BRAC)

SYM3/II: SYMPOSIUM ON QOS IN WIRED AND WIRELESS NETWORKS II

Symposium organizer: Pascal Lorenz, University of Haute Alsace, Colmar, France
Chair: Pascal Lorenz, University of Haute Alsace, Colmar, France

8049 End-to-End QoS Management Proposal for the ITU-T IMS/NGN Architecture
Alex Vallejo, Agustin Zaballos, Xavi Canaleta, *Universitat Ramon Llull (URL), Spain;* Jordi Dalmau, *Abertis, Spain*

8051 Extending the QoS provisioning in GRNET
Christos Bouras, Vaggelis Kapoulas, Dimitris Primpas, Leonidas Poulopoulos, *University of Patras, Greece*

8087 Usage of Weibull and Other Models for Software Faults Prediction in AXE
Lovre Hribar, *Ericsson Nikola Tesla d.d., Croatia*

8128 Dynamic QoS for Commercial VoIP in Heterogeneous Networks
Melanie Grah, Peter Radcliffe, *RMIT University, Australia*

Saturday, September 27, 9:00-10:30, (HVAR)

SYM4/I: SYMPOSIUM ON ON AD HOC AND SENSOR NETWORKS I

Symposium organizer: Joel Rodrigues, University of Beira Interior, Portugal
Chair: Joel Rodrigues, University of Beira Interior, Portugal

8021 Identifier Based Key Distribution Protocol for Wireless Sensor Networks
Muhammad Adeel, *University of London, United Kingdom;* Munir Hussain, *Sarhad University of Information Technology, Pakistan;* Urooj Beenish, Shenila Mehwish, *Agricultural University, Pakistan;* Laurissa Tokarchuk, *University of London, United Kingdom;* Amer Shahzad, *Bahria University, Pakistan*

8093 Share Factors Optimization in the Push-Sum Algorithm for Sensor Networks
Elma Zanaj, Marco Baldi, Franco Chiaraluce, *Università Politecnica delle Marche, Italy*

8105 Specification and Analysis of a Bluetooth Handoff Protocol for Real-Time Applications
Loreno Oliveira, André Rodrigues, Kyller Gorgônio, Angelo Perkusich, *Federal University of Campina Grande, Brazil;* Leandro Dias da Silva, *Federal University of Alagoas, Alagoas*

8118 A Location Management Method for Cellular Networks
Toshihiko Sasama, Yasuto Nishii, *Univ. of Tottori, Japan*

8126 FEDA: Fault-tolerant Energy-Efficient Data Aggregation in Wireless Sensor Networks
Mohammad Hossein Anisi, Javad Rezazadeh, *Azad University of Qazvin, Iran;* Mehdi Dehghan, *Amirkabir University of Technology, Iran*

Saturday, September 27, 11:00-12:30, (HVAR)

SYM4/II: SYMPOSIUM ON AD HOC AND SENSOR NETWORKS II

Symposium organizer: Joel Rodrigues, University of Beira Interior, Portugal
Chair: Joel Rodrigues, University of Beira Interior, Portugal

8042 M-GeRaf Analysis: Performance Improvement of a Multisink Ad Hoc and Sensor Network Geographical Random Routing Protocol
Andrea Odorizzi, *LepidaSpa, Italy;* Gianluca Mazzini, *University of Ferrara, Italy*

8053 Extended Medium Observation (EMO) – A Load-Aware Metric for Routing in Wireless Mesh Backbone Networks
Heiko Kopp, Martin Krohn, Djamshid Tavangarian, *University of Rostock, Germany*

8082 A Reputation-Based Mechanism to Enforce Cooperation in MANETs
Zahra Safaei, *Azad University of Takestan, Iran;* Mohammad Hossein Anisi, *Azad University of Qazvin, Iran;* Fatemeh Torgheh, *Azad University of Abhar, Iran*

8083 Adaptive Probabilistic Secure Routing in Mobile Wireless Sensor Networks
Konstantinos Bairaktaris, Ioannis Chatzigiannakis, Vasiliki Liagkou, Paul G. Spirakis, *University of Patras, Greece*

8123 Distributed Tracking and Classification of Targets With Sensor Networks
Sara Pino-Povedano , Francisco-Javier González Serrano, *Universidad Carlos III de Madrid, Spain*

Saturday, September 27, 9:00-10:30, (KORCULA)

SS1: SPECIAL SESSION ON RFID IN INDUSTRY

Symposium organizer: Jouni Ikonen, Lappeenranta University of Technology, Finland
Chair: Jouni Ikonen, Lappeenranta University of Technology, Finland

8031 RIL – Reliable RFID based Indoor Localization for Pedestrians
Suguna P Subramanian, Jürgen Sommer, Stephen Schmitt, Wolfgang Rosenstiel, *University of Tübingen, Germany*

8035 Automating Construction Project Quality Assurance with RFID- and Mobile Technologies
Teemu Reisbacka, Harri Hämäläinen, Jouni Ikonen, *Lappeenranta University of Technology, Finland*

8092 A Distributed Binary Tree Protocol for Medium Access Control in RFID Systems
Marco Baldi, Stefano Morichetti, Ennio Gambi, *Università Politecnica delle Marche, Italy*

8106 Radio Identification in Construction Industry Case: Tagging Hollow Steel Beams
Ari Happonen, Harri Hämäläinen, Jouni Ikonen, *Lappeenranta University of Technology, Finland*

8107 Requirements for RFID Tagging Process of Concrete Elements in Building Project
Harri Hämäläinen, Jouni Ikonen, *Lappeenranta University of Technology, Finland*

TECHNICAL PROGRAM: GENERAL CONFERENCE

Thursday, September 25

Thursday, September 25, 9:00-10:30, (HVAR)

S1 - MOBILE AND WIRELESS COMMUNICATIONS

Chair: Zoran Blažević, University of Split, Croatia

8073 On the Impact of Caching and a Model for Storage-Capacity Measurements for Energy Conservation in Asymmetrical Wireless Devices
Constandinos X. Mavromoustakis, *University of Nicosia, Cyprus*

8080 A Framework for Computationally Efficient Detection of Frequency Hopped Signals in Non-cooperative Environment
Furqan Ahmed, Shoab A. Khan, *National University of Sciences & Technology, Pakistan*

8110 A Dynamic Interference-Avoidance Algorithm for Frequency Hopping Systems
Ivo Stojan, *Ericsson Nikola Tesla d.d., Croatia;* N. Rožić, *University of Split, Croatia*

8163 Adaptive Beamforming Structure with STBC for IEEE 802.11n WLAN Systems
Josip Lorincz, Dinko Begusic, *University of Split, Croatia*

Thursday, September 25, 9:00-10:30, (KORCULA)

S2 - INTERFACES AND COMMUNICATION PROTOCOLS

Chair: Julije Ozegovic, University of Split, Croatia

8026 A Multicast-Anycast Based Protocol for Trackerless BitTorrent
Chiara Taddia, Gianluca Mazzini, *University of Ferrara, Italy*

8036 Mobile Fieldwork Solution for the Construction Industry
Teemu Vilkko, Tommi Kallonen, Jouni Ikonen, *Lappeenranta University of Technology, Finland*

8040 Network Protocol Modeling: a Time Petri Net Modular Approach
Aladdin Masri, Thomas Bourdeaud'huy, Armand Toguyeni, *Ecole Centrale de Lille, France*

8085 Implementation of a framework for a DHT-based Distributed Location Service
Simone Cirani, Luca Veltri, *University of Parma, Italy*

Thursday, September 25, 9:00-10:30, (VIS)

S3 – MULTIMEDIA AND VIRTUAL REALITY SYSTEMS

Chair: Hrvoje Dujmić, University of Split, Croatia

8130 Evaluation of Fuzzy Clustering Methods for Segmentation of Environmental Images
Barbara Barišić, Mirjana Bonković, Vladan Papić, *University of Split, Croatia;*

8065 The Analysis of Scheduling Algorithms in Microcellular 4G MIMO WINNER System
Pawel Sroka, Zbigniew Dlugaszewski, *Poznan University of Technology, Poland*

8131 Analysis of Complexity for the Message Passing Algorithm
Federico Maguolo, Alessandra Mior, *University of Padova, Italy*

8062 Proposal of a Driver Assistance System Based on Video and Rradar Data Fusion
Luca Polidori, Ennio Gambi, Susanna Spinsante, *Università Politecnica delle Marche, Italy*

Thursday, September 25, 11:00-12:30, (HVAR)

S4: CONSUMER COMMUNICATIONS TECHNOLOGIES

Chair: Angelo Perkusich, Federal University of Campina Grande, Brazil

8048 Barcodes and Mobile Phones as Part of Logistic Chain in Construction Industry
Juho Vartiainen, Tommi Kallonen, Jouni Ikonen, *Lappeenranta University of Technology, Finland*

8109 Granola: A Location and Bandwidth Aware Protocol for Mobile Video on-Demand Systems
Danilo F. S. Santos, Angelo Perkusich, *Federal University of Campina Grande, Brazil*

8050 Stress/Emotion Classification Using Features Extracted in Compliance with the Front-end of the ETSI ES 202 211 V1.1.1 Standard
Salvatore Casale, Alessandra Russo, Gianluigi Scebba, *Università degli Studi di Catania, Italy;* Salvatore Serrano, *Università di Messina, Italy*

Thursday, September 25, 11:00-12:30, (KORCULA)

S5: SIGNAL PROCESSING AND CODING

Chair: Marco Baldi, Università Politecnica delle Marche, Italy

8064 Carrier and Sampling Frequency Offset Estimation and Tracking in OFDM Systems
Adrian Langowski, *Poznan University of Technology, Poland*

8098 Easily Encodable LDPC Codes based on Polynomial Codes
Marco Baldi, Giovanni Cancellieri, Franco Chiaraluce, *Università Politecnica delle Marche, Italy;* Andrea Carassai, *Centro Radioelettrico Sperimentale G. Marconi, Italy*

8125 Joint Source Channel Speech Decoding Using Long-Term Residual Redundancy
Arezou M. Pourmir, Farshad Lahouti, *University of Tehran, Iran*

Thursday, September 25, 11:00-12:30, (VIS)

S6: TELECOMMUNICATIONS SERVICES AND QoS

Chair: Jouni Ikonen, Lappeenranta University of Technology, Finland

8034 Accuracy and time to first fix using consumer-grade GPS-receivers
Mikko Lehtinen, Ari Happonen, Jouni Ikonen, *Lappeenranta University of Technology, Finland*

8052 Improving the Composition and Assembly of Services in process-oriented environments
Darije Ramljak, *IBM Croatia Ltd/IBM Global Business Services, Croatia*

8072 A Web Caching and Prefetching Simulator
Johann Márquez-Barja, Josep Domènech, José Antonio Gil, Ana Pont, *Universitat Politècnica de València, Spain*

Thursday, September 25, 14:00-15:30, (HVAR)

S7: NETWORK OPERATIONS AND MANAGEMENT

Chair: Milutin Kapov, University of Split, Croatia

8102 An Efficient Management Technique for Peer-to-Peer Networks
Marguerite Fayçal, Ahmed Serhrouchni, *Telecom ParisTech, France*

8039 Simulations and Analysis of Bandwidth Efficient Switch-over between FSO and mmW Links
F. Nadeem, *Graz University of Technology, Austria;* M. Gebhart, *NXP Semiconductors Austria GmbH Styria, Austria;* E. Leitgeb, W. Kogler, M. Saleem Awan, M. Saeed Khan, *Graz University of Technology, Austria;* G. Kandus, *IJS, Slovenia*

8168 Availability of the Optical Bidirectional Self-healing Ring with Four fibers with the Multiplex Section Protection
Ivan Rados, *HT d.o.o. Mostar, Bosnia and Herzegovina*

Thursday, September 25, 16:00-17:30, (HVAR)

S8: INFORMATION INFRASTRUCTURE AND SECURITY

Chair: Zoran Skočir, University of Zagreb, Croatia

8020 Conceptual Object Model of a Classified Electronic Documents Information System
Ivan Matic, *Ministry of Foreign Affairs and European Integration, Croatia;* Zoran Skocir, *University of Zagreb, Croatia*

8084 Extending SIP Authentication to Exploit User Credentials Stored in Existing Authentication Databases
Stefano Salsano, Andrea Polidoro, *University of Rome "Tor Vergata", Italy;* Luca Veltri, *University of Parma, Italy*

8108 Secure Computations in Minimal Model Using Simple ESCT Decomposition
M. Sampson, D. Voudouris, G. Papakonstantinou, *National Technical University of Athens, Greece*

8114 A Privacy Paradigm that Tradeoffs Anonymity and Trust
Giampaolo Bella, Francesco Librizzi, Salvatore Riccobene, *Università di Catania, Italy*

Friday, September 26

Friday, September 26, 15:00-16:30, (HVAR)

S9: COMMUNICATION THEORY

Chair: Josko Radic, University of Split, Croatia

8038 Mathematical Analyze of Routing, Based on Circular Graphs
Sasa Klampfer, Joze Mohorko, Zarko Cucej, *University of Maribor, Slovenia*

Friday, September 26, 17:00-18:30, (HVAR)

S10: COMMUNICATION SOFTWARE

Chair: Darko Huljenic, Ericsson Nikola Tesla d.d., Croatia

8056 Deriving Compact Test Suites for Telecommunication Software using Distance Metrics
Gábor Kovács, Gábor Árpád Németh, Zoltán Pap, *Budapest University of Technology and Economics, Hungary;* Mahadevan Subramaniam, *University of Nebraska at Omaha, USA*

8057 Test Component Assignment in a Performance Testing Environment
Levente Eros, *Budapest University of Technology and Economics, Hungary;* Tibor Csöndes, *Ericsson Hungary Ltd., Hungary*

8070 Scheduling in Performance Test Environment
Ferenc Bozóki, Tibor Csöndes, *Ericsson Hungary Ltd., Budapest, Hungary*

8100 GSS: A Generic P2P Semantic Service Oriented Architecture
Rima Kilany, Maroun Chamoun, *Université Saint-Joseph, Lebanon*; Ahmed Serhrouchni, *École Nationale Supérieure de Télécommunication, France*

Saturday, September 27

Saturday, September 27, 11:00-12:30, (KORČULA)

S11 - RESEARCH/EDUCATION METHODOLOGY

Chair: Domenico Grimaldi, University of Calabria, Italy

8151 New frontier of the m-Learning in Instrumentation and Measurement: Experiment Creation
Pasquale Daponte, *University of Sannio, Italy*; Domenico Grimaldi, *University of Calabria, Italy*; Sergio Rapuano, *University of Sannio, Italy*

SoftCOM 2008 PROFESSIONAL PROGRAM: WORKSHOP

Thursday, September 25

Thursday, September 25, 14:00-15:30, (VIS)

WICT/I – WORKSHOP ON INFORMATION AND COMMUNICATION TECHNOLOGIES I

Chair: Hrvoje Dujmic, University of Split, Croatia

8041 Utilisation of GQM Method to Map ISO 9126 for Experience Measurements
Anssi Jääskeläinen, Kari Heikkinen*, Lappeenranta University of Technology, Finland*

8165 Optical tracking for QAVE, a CAVE-like Virtual Reality System
Domagoj Baričević, Hrvoje Dujmic, Matko Saric, *University of Split, Croatia*

8166 On Hue and Saturation of Natural and Non-natural Materials
Ana Gaši, Hrvoje Dujmić, Vladan Papic, Hrvoje Turic, *University of Split, Croatia*

8167 A Modular System for Tracking Players Using Computer Vision
Vladimir Plestina, Hrvoje Dujmic, Vladan Papic, Matko Saric, *University of Split, Croatia*

Thursday, September 25, 16:00-17:30, (VIS)

WICT/II – WORKSHOP ON INFORMATION AND COMMUNICATION TECHNOLOGIES II

Chair: Damir Krstinic, University of Split, Croatia

8054 An Implementation of Interoperable Security Features For a Smart Card Enabled VoIP Softphone.
Giuseppe Cattaneo, Luigi Catuogno, Fabio Petagna, *Università degli Studi di Salerno, Italy*

8097 Spreading of Reputation values in a Mobile Network
Giampaolo Bella, Gianpiero Costantino, Salvatore Riccobene, *Università di Catania, Italy*

8159 MPLS VPN Security Analysis and Implementation of Threshold Secret Scheme
Ivo Rozić, *JP Hrvatske Telekomunikacije d.o.o., BiH*

8148 Kriptografija u komunikacijama-Kvantna kriptografija
Dragan Galic, Nikola Rozic, *University of Split, Croatia;* Viktor Merc*, University of Zagreb, Croatia*

Friday, September 26

Friday, September 26, 14:00-15:30, (VIS)

WICT/III – WORKSHOP ON INFORMATION AND COMMUNICATION TECHNOLOGIES III

Chair: Domenico Grimaldi, University of Calabria, Italy

8091 Educating Children by Game Boy Micro
Mohammad Shirali-Shahreza, *Sharif University of Technology, Iran*

8101 Improving Children Classes Using Nintendo DS
Mohammad Shirali-Shahreza, *Sharif University of Technology, Iran*

8113 A CAPTCHA System for Wii Game Console
Mohammad Shirali-Shahreza, Sajad Shirali-Shahreza, *Sharif University of Technology, Iran*

8164 Cross-Layer QoS in Wireless Networks
Ivan Culic, *Government of the Republic of Croatia, Croatia*

Friday, September 26, 14:00-15:30, (VIS)

WICT/IV – WORKSHOP ON INFORMATION AND COMMUNICATION TECHNOLOGIES IV

Chair: Domenico Grimaldi, University of Calabria, Italy

8071 Packet Level Simulation of Optical Networks
Ramzi Maalej, Alain C. Houle*, Université de Sherbrooke, Canada*

8058 Provision-less Networks: What Fixed Networks Should Learn from Mobile Ones
Mónica Fernández, Francisco Rodríguez, Joaquín López, Alejandro Fandińo , Jose Manuel Palacios*, Telefónica Investigación y Desarrollo, Spain*

8061 VoIP-Fe: Implementation of an High Available Large VoIP Infrastructure
Federico Fergnani, Gianluca Mazzini, *University of Ferrara, Italy*

8162 Charging Solutions in IP Multimedia Subsystem
Andrej Prskalo, Ivo Rozić, *JP Hrvatske Telekomunikacije d.o.o. Mostar, BiH;* Nikola Rozic, *University of Split, Croatia*

Saturday, September 27, 9:00-10:30, (MLJET)

POSTER SESSION

Chair: Stipe Marinovic, University of Split, Croatia

8154 PCs Vulnerability Assessment
Libor Palisek, Jiri Kusala, VOP-026 Sternberk, s.p., Czech Republic

8155 Short Transmission Lines - Lightning Induced Overvoltage
Jiri Kusala, Lubos Suchy, VOP-026 Sternberk, s.p., Czech Republic

SECTION ON RESEARCH TOPICS OF PHD STUDENTS IN ENGINEERING

Thursday, September 25, 16:00 – 17:30, (BRAČ I)

Chair: Ivica Puljak, University of Split, CROATIA

Pregled postojećih postupaka detekcije dima i vatre analizom slike snimljene u vidljivom dijelu spektra
Toni Jakovčević, FESB, Sveučilište u Splitu

Interoperabilnost u informacijskim sustavima za naplatu cestarine
Saša Mladenović, Sveučilišni studijski centar za stručne studije, Sveučilište u Splitu

Pregled primjena MEMS inercijskih senzora u biomehanici i robotici
Josip Musić, FESB, Sveučilište u Splitu

Iterativno potiskivanje impulsnog šuma u OFDM sustavu
Joško Radić, FESB, Sveučilište u Splitu