1. Load Dependent Resource Allocation in Cooperative Multiservice Wireless Networks: Throughput and Delay Analysis
   Thomas Lagkas (University of Western Macedonia, Kozani, GR), Dimitrios Stratogiannis (National Technical University of Athens, GR), Georgios Tsiropoulos (National Technical University of Athens, GR), Panagiotis Sarigiannidis (University of Western Macedonia, GR), Malamati Louta (University of Western Macedonia, GR)

2. Efficient Online Estimation of Bursty Wireless Links
   Muhammad Hamad Alizai, Hanno Wirtz, Georg Kunz, Benjamin Grap, Klaus Wehrle (RWTH Aachen University, DE)

3. The Impact of Interference on the Performance of a Multi-path Metropolitan Wireless Mesh Network
   Elias Tragos (Institute of Computer Science, FORTH, GR), Alexandros Fragkiadakis (Institute of Computer Science, FORTH, GR), Yannis Askoxylakis (FORTH-ICS, GR), Vasilios Siris (ICS-FORTH / Athens University of Economics and Business, GR)

4. Scheduling Avionics Flows on an IEEE 802.11e HCCA and AFDX Hybrid Network
   Bafing Sambou (University of Toulouse, FR), Fabrice Peyrard (University of Toulouse, FR) Christian Fraboul (ENSEEIHT, FR)

5. Joint Per-Flow Scheduling and Routing in Wireless Multihop Networks
   Dimitrios J. Vergados (National Technical University of Athens, GR), Angeliki Sgora (University of Piraeus, GR), Dimitrios D. Vergados (University of Piraeus, GR), Periklis Chatzimisios (Alexander TEI of Thessaloniki, GR)

6. (S) Wireless Image Transmission Using Joint Adaptation of Modulation and Channel Coding
   Rimas Zrae, Mohamed Hassan, Mohamed El-Tarhuni (American University of Sharjah, AE)

7. History-Aware Rate Adaptation in 802.11 Wireless Networks
   Ioannis Pefkianakis (University of California at Los Angeles, US), Hu Yun (University of Science and Technology of China, CN), Songwu Lu (University of California at Los Angeles, US)

8. An Adaptive Epidemic Information Dissemination Scheme with Cross-layer Enhancements
   Theofanis Kontos (University of Athens, GR), Evripidis Zaimidis (Hellenic Open University, GR), Christos Anagnostopoulos (Ionian University, GR), Stathes Hadjiefthymiades (University of Athens, GR), Evangelos Zervas (TEI Athens, GR)

9. A Distributed Scheduling Mechanism to Improve Quality of Service in IEEE 802.11 Ad Hoc Networks
   Munther Hammouri, John Daigle (University of Mississippi, US)

    Mohammad Abdul Awal (LRI, University of Paris Sud, FR), Lila Boukhatem (Paris-Sud&LRI/CNRS, FR)
11. On Optimized Joint Uplink/Downlink Resource Allocation in OFDMA Networks
   Ahmad El-Hajj, Zaher Dawy (American University of Beirut, LB)

12. (S) On Delay Distribution in IEEE 802.11 Wireless Networks
   Stepan Ivanov, Dmitri Botvich, Sasitharan Balasubramaniam (TSSG, Waterford Institute of Technology, IE)

13. Highly Compressed Multi-pattern String Matching on the Cell Broadband Engine
   Xinyan Zha (University of Florida, US), Daniele Scarpazza (IBM T.J. Watson Research Center, US), Sartaj Sahni (University of Florida, US)

14. PC-DUOS: Fast TCAM Lookup and Update for Packet Classifiers

15. Fine-Grained Intercontact Characterization in Disruption-Tolerant Networks
   Tiphaine Phé-Neau (UPMC Sorbonne Universités, FR), Marcelo Dias de Amorim (UPMC Sorbonne Universités, FR), Vania Conan (Thales Communications, FR)

16. Multipattern String Matching on A GPU
   Xinyan Zha, Sartaj Sahni (University of Florida, US)

17. (S) Study of Lifetime Extension in Wireless Sensor Networks through Congestion Control Algorithms
   Charalambos Sergiou, Vasos Vassiliou (University of Cyprus, CY)

18. PSP: Path State Protocol for Inter-domain Routing
   Dotan Guy, Chen Avin, Ran Giladi (Ben-Gurion University, IL)

19. Overlay Addressing and Routing System Based on Hyperbolic Geometry
   Cyril Cassagnes, Telesphore Tiendrebeogo, Yérom-David Bromberg, Damien Magoni (University of Bordeaux, FR)

20. Geographical Quadtree Routing
    Chen Avin, Yaniv Dvory, Ran Giladi (Ben-Gurion University, IL)

21. The Dissemination Speed of Correlated Messages in Opportunistic Networks
    Yuan Peiyan, Huadong Ma, Xufei Mao (Beijing University of Posts and Telecommunications, CN)

22. (S) Interface Specific Fast Failure Rerouting for Load Balanced IP Networks
    Steven Lee (National Chung Cheng University, TW), Po-Kai Tseng (Academia Sinica, TW), Kuang-Yi Li (National Chung Cheng University, TW), Wen-Yu Chang (National Chung Cheng University, TW), Alice Chen (ITRI, TW)

23. (S) Enhance Content Broadcast Efficiency in Routers with Integrated Caching
    Lijun Dong, Yanyong Zhang, Dipankar Raychaudhuri (Rutgers University, US)

24. Linear Precoding for Centralized MultiCell MIMO Networks
    Reza Holakouei, Adão Silva, Atílio Gameiro (Instituto de Telecomunicações - Universidade de Aveiro, PT)
25. Attenuation Over Distance for Indoor Propagation Topologies at 2.4 GHz
Theofilos Chrysikos, Giannis Georgopoulos, Stavros Kotsopoulos (University of Patras, GR)

26. Complex Orthogonal Coded Binary Transmission with Amicable Hadamard Matrices over Rayleigh Fading Channels
Athanassios lossifides (Alexander Technological Educational Institute of Thessaloniki, GR)

27. Implementation and Evaluation of a Voice Codec for ZigBee
Apostolos Meliones (University of Piraeus, GR), Emmanuel Touloupis (Inaccess Networks, GR), Spyros Apostolacos (Inaccess Networks, GR)

28. (S) Selection of Modulation and Coding Schemes of Single Carrier PHY for 802.11ad Multi-Gigabit mmWave WLAN Systems
Liru Lu, Xin Zhang, Ryuhei Funada, Chin-Sean Sum, Hiroshi Harada (National Institute of Information & Communications Technology - NICT, JP)

29. Using Learning Automata for Adaptively Adjusting the Downlink-to-Uplink Ratio in IEEE 802.16e Wireless Network
Antonis Sarigiannidis (Aristotle University of Thessaloniki, GR), Petros Nicopolitidis (Aristotle University, GR), Georgios Papadimitriou (Aristotle University, GR), Panagiotis Sarigiannidis (University of Western Macedonia, GR), Malamati Louta (University of Western Macedonia, GR)

30. Multi-Layer Data Protection using N-Channel Stop-and-Wait Hybrid-ARQ in WiMAX
Obaidur Rehman, Natasa Zivic (University of Siegen, DE)

31. Maximizing Network Revenue through Resource Management in Heterogeneous Wireless Networks
Elissar Khloussy, Jie Xu, Anna Kim, Yuming Jiang (Norwegian University of Science and Technology, NO)

32. (S) Performance Comparison of JTCP over QoS-aware WiMAX Networks
Alessandro Andreadis, Sandro Rizzuto, Riccardo Zambon (University of Siena, IT)

33. Multi-Topology Design and Link Weight Assignment for Green IP Networks
Steven Lee (National Chung Cheng University, TW), Po-Kai Tseng (Academia Sinica, TW), Alice Chen (ITRI, TW)

34. On Powering Communication Networks in Developing Regions
Amos Nungu (Royal Institute of Technology, SE), Robert Olsson (KTH, SE), Bjorn Pehrson (KTH, SE)

35. Towards an Effective Energy Efficient Passive Optical Network
Panagiotis Sarigiannidis, Vasiliki Pechlivanidou, Malamati Louta, Pantelis Angelidis (University of Western Macedonia, GR)

36. Smart Routing Mechanism for Green ZigBee-based Wireless Sensor Networks
Antonio M. Ortiz, Teresa Olivares, Luis Orozco–Barbosa (University of Castilla–La Mancha), ES

37. (S) Communication-based Plug-in Hybrid Electrical Vehicle Load Management in the Smart Grid
Melike Erol-Kantarci, Jahangir Sarker, Hussein Mouftah (University of Ottawa, CA)
Dorian Minarolli (University of Marburg, DE), Bernd Freisleben (Philipps - University of Marburg, DE)

Ioannis Moschakis, Helen Karatza (Aristotle University of Thessaloniki, GR)

40. Cloud Computing, Security and Data Concealment
Christian Delettre (University of Nice Sophia Antipolis, FR), Karima Boudaoud (University of Nice Sophia Antipolis, FR), Michel Riveill (University of Nice, FR)

41. Workflow Scheduling in e-Science Networks
Eun-Sung Jung, Sanjay Ranka, Sartaj Sahni (University of Florida, US)

42. Virtual Network Mapping into Heterogeneous Substrate Networks
João Nogueira (University of Aveiro, Portugal Telecom Inovação, PT), Márcio Melo (Portugal Telecom Inovação, PT), Jorge Carapinha (PT Inovação S.A. Telecom Group, PT), Susana Sargento (Instituto de Telecomunicações, Universidade de Aveiro, PT)

43. A Multi-Access Asynchronous Low-Power MAC based on Preamble Sampling for WSNs
Noseong Park, Bong Wan Kim, Yoonmee Doh, Jongarm Jun (ETRI, KR)

44. Mobility in WSNs for Critical Applications
Ricardo Silva (University of Coimbra, PT), Jorge Sa Silva (University of Coimbra, PT), Zinon Zinonos (University of Cyprus, CY), Vasos Vassiliou (University of Cyprus, CY)

45. Semi-adaptive Channel Estimation Technique for LTE Systems
ElSayed Ahmed (University of California, Irvine, US), Mohamed Khairy (Cairo University, EG)

46. Context Driven Enhancement of RSS-based Localization Systems
Paolo Barsocchi (ISTI-CNR, IT), Stefano Chessa (University of Pisa, IT), Erina Ferro (Istituto di Scienze e Tecnologie dell'Informazione "Alessandro Faedo", IT), Francesco Furfari (CNR-ISTI, IT), Francesco Potorti (ISTI-CNR, IT)

47. (S) Location Estimation in Multi-Carrier Systems Using Extended Kalman Based Interacting Multiple Model and Data Fusion
Enver Bahar, Gunes Karabulut (Istanbul Technical University, TR)

48. Towards realization of the ABC vision: a comparative survey of access network selection
Malamati Louta (University of Western Macedonia, GR), Philippos Zournatzis (University of Western Macedonia, GR), Stylianos Kraounakis (Hellenic Telecommunications Organization, GR), Panagiotis Sarigiannidis (University of Western Macedonia, GR), Ioannis Dimitropoulos (University of Western Macedonia, GR)

49. Cooperative Transmission Among Ordinary Users in Wireless Communication Networks
Hamzeh Omari, John Daigle (University of Mississippi, US)

50. A Multiple Care of Addresses Model
Bruno Sousa (University of Coimbra, PT), Kostas Pentikousis (Huawei Technologies, DE), Marilia Curado (University of Coimbra, PT)
51. DC-MAC: A Data-centric Multi-hop MAC protocol for Underwater Acoustic Sensor Networks  
   Ming Yang (Nanyang Technological University, SG), Mingsheng Gao (Nanyang Technological University, SG), Chuan Heng Foh (Nanyang Technological University, SG), Jianfei Cai (Nanyang Technological University, SG), Periklis Chatzimisios (Alexander TEI of Thessaloniki, GR)

52. (S) Towards a Compatible Level-2 DSM Algorithm to Protect Downstream Multiuser xDSL Legacy Systems  
   Hernan Cordova (Free University of Brussels, BE)

53. MAC Framework and Algorithms for Dynamic Subcarrier Assignment in OFDMA-PONs  
   Konstantinos Kanonakis, Ioannis Tomkos (Athens Information Technology, GR)

54. Optimization Models for Reliable Long-reach PON Deployment  
   Burak Kantarci, Hussein Mouftah (University of Ottawa, CA)

55. Analytical Model of Optical Burst Switched Networks with Share-per-Node Buffers  
   Daniele Tafani, Conor McArdle, Liam Barry (Dublin City University, IE)

56. Wavelength Scheduling in Time-domain Wavelength Interleaved Networks  
   Yan Li, Sanjay Ranka, Sartaj Sahni (University of Florida, US)

57. An Asymmetric Access Strategy with Propagation Delay Analysis for Bandwidth Utilization Improvement in WDM Network  
   Peristera Baziana, Ioannis Pountourakis (National Technical University of Athens, GR)

58. Pervasive Multiparty Delivery Framework for Ubiquitous Multimedia Services  
   Nuno Carapeto (Portugal Telecom Inovação, PT), Filipe Cabral (PT Inovação, PT), Daniel Figueira (Instituto de Telecomunicações, Universidade de Aveiro, PT), Nuno Coutinho (Instituto de Telecomunicações, Universidade de Aveiro, PT), Susana Sargento (Instituto de Telecomunicações, Universidade de Aveiro, PT), Pierre Roux (CEA LIST, FR)

59. Quality-Improved and Secure Multicast Delivery Method in Mobile IPv6 Networks  
   Abbas Mehdizadeh (University Putra Malaysia, MY), Fazirulhisyam Hashim (University of Sydney, AU), Raja Syamsul Azmir Raja Abdullah (University Putra Malaysia, MY), Borhanuddin Mohd. Ali (Universiti Putra Malaysia, MY), Mohamed Othman (Universiti Putra Malaysia, MY)

60. Media Ecosystem Deployment in a Content-Aware Future Internet Architecture  
   George Gardikis (NCSR 'Demokritos', GR), George Xilouris (NCSR Demokritos, GR), Anastasios Kourtis (NCSR 'Demokritos', GR), Evangelos Pallis (Technological Educational Institute of Crete, GR), Daniel Négru (University of Bordeaux, FR), Yiping Chen (University of Bordeaux, FR), Petros Anapliotis (University of Bordeaux, FR)

61. Scaling Instant Messaging Communication Services: A Comparison of Blocking and Non-Blocking Techniques  
   Leigh Griffin, Kieran Ryan, Eamonn de Leastea, Dmitri Botvich (Waterford Institute of Technology, IE)
62. An Efficient Sequential Iterative Matching Algorithm for CIOQ Switches
Yanping Gao (Graduate University of Chinese Academy of Sciences, CN), Christoforos
Kachris (Athens Information Technology, GR), Manolis Katevenis (FORTH-ICS and
University of Crete, GR)

63. (S) Performance Evaluation of the Suitability of Opportunistic Networks for the Future
Internet
Marios Logothetis (University of Piraeus Research Center, GR), Kostas Tsagkaris (University
of Piraeus, GR), Panagiotis Demestichas (University of Piraeus, GR)

64. Increasing Spectrum Utilization in Wireless Infrastructure-based Systems
Dimitris Tsolkas, Nikos Passas, Lazaros Merakos (University of Athens, GR)

65. Feedback Reduction for MIMO Broadcast Channel with Heterogeneous Fading
Jin-Hao Li, Hsuan-Jung Su (National Taiwan University, TW)

66. A Low-Complexity SLM Approach Based on Time-domain Sub-block Conversion Matrices
for OFDM PAPR Reduction
Yuh-Ren Tsai, Chi-Hung Lin, Yen-Chen Chen (National Tsing Hua University, TW)

67. Power Control Optimization in LMDS-CDMA Networks operating above 20GHz through
Fuzzy Inference Systems
Athanasios Panagopoulos (National Technical University of Athens, GR)

68. Performance of APSK Modulation in Wireless Tactical Scenarios for Land Mobile Systems
Marco Baldi (Università Politecnica delle Marche, IT), Franco Chiarafulce (Università
Politecnica delle Marche, IT), Antonio de Angelis (Thales, IT), Rossano Marchesani (Thales,
Chieti, IT), Sebastiano Schillaci (Thales Italia, IT)

69. Prediction Model for the GSM Dual Half Rate Gain in a Noise-limited Environment Based
on Field Measurements and Simulations
Jyrki Penttinen (Nokia Siemens Networks, ES), Francesco Calabrese (Aalborg University,
DK), David Valerdi (Vodafone Technology Networks, ES), Iñigo Güemes (Vodafone, ES)

70. Reliable Multicasting over LTE: A Performance Study
Antonios Alexiou, Konstantinos Asimakis, Christos Bouras, Vasileios Kokkinos, Andreas
Papazois, Georgia Tseliou (RACTI and University of Patras, GR)

71. An Experimental Analysis of Routing Inconsistency in Indoor Wireless Mesh Networks
Rodrigo Couto (Federal University of Rio de Janeiro, BR), Miguel Elias Mitre Campista
(Federal University of Rio de Janeiro, BR), Luís Henrique Costa (Federal University of Rio de
Janeiro, BR), Otto Carlos Duarte (Universidade Federal do Rio de Janeiro, BR)

72. Towards Cellular IP Address Assignment in Wireless Heterogeneous Sensor Networks
Mazen Khair, Burak Kantarci, Hussein Mouftah (University of Ottawa, CA)

73. Non-Uniform Channelization Methods for Next Generation SDR PMR Base Stations
Alvaro Palomo Navarro, Tony Keenan, Rudi Villing (National University of Ireland
Maynooth, IE)

74. (S) Performance Evaluation of Enhanced CSH-MU Solution in a Heterogeneous Network
Environment
Thang Tran, Faqir Yousaf, Christian Wietfeld (TU Dortmund University, DE)
75. **Enhancing Trust Establishment in Wireless Multi-hop Networks via Preferential Attachment**
   Eleni Stai, Vasileios Karyotis, Symeon Papavassiliou (Institute of Comm. and Comp. Systems/National Technical University of Athens, GR)

76. **(S) SeFLOOD: A Secure Network Discovery Protocol for Underwater Acoustic Networks**
   Gianluca Dini, Angelica Lo Duca (University of Pisa, IT)

77. **Quantitative Model Checking of an RSA-based Email Protocol on Mobile Devices**
   Sophia Petridou, Stylianos Basagiannis, Nikolaos Alexiou, Georgios Papadimitriou, Panagiotis Katsaros (Aristotle University of Thessaloniki, GR)

78. **Exploitation of Auctions for Outsourcing Security-Critical Projects**
   Miltos Kandias, Alexios Mylonas, Marianthi Theoharidou, Dimitris Gritzalis (Athens University of Economics and Business, GR)

79. **Security Analysis and Improvement of Smart Card-based Authenticated Key Exchange Protocol with CAPTCHAs for Wireless Mobile Network**
   Maryam Saeed, Hadi Shahriar Shahhoseini (Iran University of Science and Technology, IR)

80. **Evaluating Automatic Pools Distribution Techniques to Self-configured Networks**
    Reinaldo Gomes (Federal University of Campina Grande, BR), Ricardo Schmidt (University of Twente, NL)

81. **Assignment of Multicast Groups to Publish/Subscribe Topics in Multi-Domain Networks**
    Visa Holopainen (Aalto University, FI)

82. **Autonomous Recovery for Link Failure Based on Tie-Sets in Information Networks**
    Kiyoshi Nakayama, Norihiko Shinomiya (Soka University, JP)

83. **(S) MIB Design and Application for Source Address Validation Improvement Protocol**
    Changqing An, Jessie Wang (Tsinghua University, CN)

84. **(S) Neighbourhood Monitoring for Decentralised Coordination in Multi-Agent Systems: A Case-Study**
    Gianluca Dini, Francesco Giurlanda (University of Pisa, IT)

    Soledad Escolar (University Carlos III of Madrid, ES), Stefano Chessa (University of Pisa, IT), Jesus Carretero (Universidad Carlos III de Madrid, ES)

86. **A TDMA Jitter Minimization Algorithm for Real-time Applications in Wireless Sensor Networks**
    Liqiang Tao (Institute of Computing Technology, Chinese Academy of Sciences, CN), Fengqi Yu (Shenzhen Institute of Advanced Technology, CAS, CN)
87. Reliable Data Delivery in Sparse WSNs with Multiple Mobile Sinks: an Experimental Analysis  
Giuseppe Anastasi (University of Pisa, IT), Eleonora Borgia (IIT-CNR, IT), Marco Conti (IIT-CNR, IT), Mario Di Francesco (University of Texas at Arlington, US)

88. Vulnerability Assessment of Intrusion Recovery Countermeasures in Wireless Sensor Networks  
Eliana Stavrou, Andreas Pitsillides (University of Cyprus, CY)

89. Selective Dropping Congestion Control for Wireless Multimedia Sensor Networks  
Andrea Martelli, Luigi Grieco, Manlio Bacco, Gennaro Boggia, Pietro Camarda (Politecnico di Bari, IT)

90. (S) On the Design of UPnP Gateways for Service Discovery in Wireless Sensor Networks  
Bruno Campos (Federal University of Amazonas, BR), Eduardo Nakamura (FUCAPI - Research and Technological Innovation Center, BR), Maurício Figueiredo (FUCAPI, BR), Joel Rodrigues (Instituto de Telecomunicações, University of Beira Interior, PT)

91. Message Priority based Routing Protocol in Vehicular Ad hoc Network  
Chakkaphong Suthaputchakun (Bangkok University, TH), Zhili Sun (University of Surrey, UK)

92. Real-Time Graph Visualization Tool for Vehicular Ad-Hoc Networks  
Emmanouil Spanakis (Institute of Computer Science, FORTH, GR), Christodoulos Efstatiaides (University of Cyprus, CY), George Pallis (University of Cyprus, CY), Marios Dikaikos (University of Cyprus, CY)

93. Maximizing Network Capacity in an Heterogeneous Macro-micro Cellular Scenario  
Francesco Ivan Di Piazza, Stefano Mangione, Ilenia Tinnirello (University of Palermo, IT)

94. Applying Adaptive QoS-aware Medium Access Control in Priority-Based Vehicular Ad Hoc Networks  
Chrysostomos Chrysostomou (Frederick University, CY), Costas Tziouvas (Cyprus University of Technology, CY), Lambros Lambrinos (Cyprus University of Technology, CY)

95. (S) Fusion of WLAN and GNSS Observables for Positioning Vehicles in Urban Areas: the Position Ambiguity  
Daniel Fernandez (UPC, ES), Francisco Barcelo-Arroyo (Universitat Politecnica de Catalunya (UPC), ES), Israel Martin-Escalona (Technical University of Catalonia, ES), Marc Ciurana (Technical University of Catalonia (UPC), ES), Marti Jofre (Aerospace Research & Technology Centre, CTAE, ES), Esteban Gutierrez (CTAE, ES)

96. Privacy-Preserving Scheme for Mobile Ad Hoc Networks  
Antonis Michalas (Athens Information Technology, GR), Vladimir Oleshchuk (University of Agder, NO), Nikos Komninos (Athens Information Technology, GR), Neeli Prasad (Center for TeleInfrastructure (CTIF), DK)

97. A Survey on Throughput-Efficient Architectures for IEEE P1619 for Shared Storage Media  
Athanasiou Kakarountas (Technological Educational Institute of Ionian Islands, GR), Epameinontas Hatzidimitriou (University of Patras, GR), Athanasios Milidonis (Technological Educational Institute of Athens, GR)
98. SpatioTemporal Emergency Role Based Access Control (STEM-RBAC)
Emmanouil Georgakakis, Stefanos Nikolaidakis, Dimitrios D. Vergados, Christos Douligeris
(University of Piraeus, GR)

Cristiano Rocha (Federal University of Santa Catarina, BR), Joao Carlos Lima (Federal University of Santa Maria, BR), Mario Dantas (UFSC, BR), Iara Augustin (Universidade Federal de Santa Maria, BR)

100. (S) DISPUTE: Distributed Puzzle Tussle
Andrey Lukyanenko (Aalto University, FI), Andrei Gurtov (Helsinki Institute for Information Technology, FI), Antti Ylä-Jääski (Aalto University, FI)

101. Inter-Carrier Interconnection Services: QoS, Economics and Business Issues
Costas Courcoubetis (Athens University of Economics and Business, GR), Manos Dramitinos (Athens University of Economics and Business, GR), George Stamoulis (Athens University of Economics and Business, GR), Gideon Blocq (Technion - Israel Institute of Technology, IL), Avi Miron (Technion, IL), Ariel Orda (Technion, IL)

102. (S) A Multivariate Cross-Country Empirical Analysis of the Digital Divide
Michael Iliadis, John Paravantis (University of Piraeus, GR)

103. (S) On the Pursue for a Fair Internet Regulation System: A blueprint for a content blocking system encouraging participation by the Internet users
Nikolaos Koumartzis, Andreas Veglis (Aristotle University of Thessaloniki, GR)

104. (S) A Strawman Proposal for Future Diverse Internets
Malathi Veeraraghavan (University of Virginia, US), Jie Li (University of Virginia, US), Martin Reisslein (Arizona State University, US)

Koteswararao Kondepu (IMT - Institute for Advanced Studies Lucca, IT), Giuseppe Anastasi (University of Pisa, IT), Marco Conti (IIT-CNR, IT)

106. Planning Updates in Multi-Application Wireless Sensor Networks
Abolhassan Shamsaie (Sharif University of Technology, IR)

Christos Liaskos (Aristotle University, GR), Andreas Xeros (University of Cyprus, CY), Georgios Papadimitriou (Aristotle University, GR), Andreas Pitsillides (University of Cyprus, CY)

108. Improving Source-Location Privacy Through Opportunistic Routing in Wireless Sensor Networks
Petros Spachos, Liang Song, Francis Bui, Dimitrios Hatzinakos (University of Toronto, CA)

Giuseppe Amato (ISTI-CNR, IT), Stefano Chessa (University of Pisa, IT), Claudio Gennaro (ISTI - CNR, IT), Claudio Vairo (ISTI-CNR, IT)
110. An adaptive QoE-based multipath video streaming algorithm for Scalable Video Coding (SVC)
Majd Ghareeb (INRIA, FR), Adlen Ksentini (University of Rennes 1 / IRISA Lab, FR), César Viho (IRISA / INRIA Rennes, FR),

111. Real-world IPTV Network Measurements
Georgios Baltoglou (KTH - Royal Institute of Technology, SE), Eirini Karapistoli (Aristotle University of Thessaloniki, GR), Periklis Chatzimisios (Alexander TEI of Thessaloniki, GR)

112. Investigating Quality of Experience and Learning (QoE & QoL) of Audiovisual Content Broadcasting to Learners over IP Networks
George Kalliris, Charalampos Dimoulas, Andreas Veglis, Maria Matsiola (Aristotle University of Thessaloniki, GR),

113. A Packet Queueing Engine for Configurable Network QoS
Gary Chang, Chung-Chieh Lee (Northwestern University, US)

114. jPBC: Java Pairing Based Cryptography
Angelo De Caro, Vincenzo Iovino (University of Salerno, IT)

115. Towards Multiple-Exchange Protocol Use in Distributed AAA Frameworks for More Autonomy in MANETs
Sondes Larafa, Maryline Laurent (Institut Télécom, Télécom SudParis, FR)

116. Utilizing Document Classification for Grooming Attack Recognition
Dimitrios Michalopoulos, Ioannis Mavridis (University of Macedonia, GR)

117. A Cryptographic Suite for Underwater Cooperative Applications
Gianluca Dini, Angelica Lo Duca (University of Pisa, IT)

118. (S) Open Issues on Privacy and Trust in Collaborative Environments
George Pentafronimos, Athanasios Karantjias, Nineta Polemi (University of Piraeus, GR)

119. Robustness of a P2P Community Management System based on Two-level Hierarchical DHT Overlays
Timo Koskela, Erkki Harjula, Otso Kassinen, Mika Ylianttila (University of Oulu, FI)

120. Biological-inspired Algorithms for Dynamic Search in Web Graphs
Georgios Kouzas (National Technical University of Athens, GR), Ioannis Anagnostopoulos (University of the Aegean, GR)

121. Overlay Networks Measurement for Resource Indexing under Different Routing Scheme
Jianyu Zhang, Junhua Pan, Yu Chen, Wei Zou (Peking University, CN)

122. On the Effectiveness of PR-SCTP in Networks with Competing Traffic
Mohammad Rajiullah, Anna Brunstrom (Karlstad University, SE)

123. The effects of Active Queue Management and Explicit Congestion Notification on DNS Traffic
Stefanos Harhalakis (University of Macedonia, GR), Nikolaos Samaras (University of Macedonia, GR), Vasileios Vitsas (Alexander TEI Thessaloniki, GR)

124. (S) Hint-driven DNS resolution
Rui Ferreira (Instituto de Telecomunicações, PT), Alfredo Matos (University of Aveiro, PT), Rui Aguiar (University of Aveiro, PT)

125. A Model for Designing Scalable and Efficient Adaptive Routing Approaches in Emergency Ad hoc Communications
Tipu Ramrekha, Grant Millar, Christos Politis (Kingston University, UK)

126. Cellular Network Location Estimation via RSS-based Data Clean Enhanced Scheme
Kai Chen (Florida International University, US), Niki Pissinou (Florida International University, US), Kia Makki (Technological University of America (TUA), US)

127. A Chunk-Based Resource Allocation Scheme for Downlink MIMO-OFDMA Channel using Linear Precoding
Sotiris Karachontzitis (University of Patras, GR), Tasos Dagiuklas (Technological Educational Institute of Mesolonghi, GR)

128. Route Change Latency in Low-Power and Lossy Wireless Networks using RPL and 6LoWPAN Neighbor Discovery
Hamidreza Kermajani, Carles Gomez (Technical University of Catalonia UPC, ES)

129. Performance Evaluation of Crosspoint Queued Switch Under the Heavy Traffic
Milutin Radonjic (University of Montenegro, ME), Igor Radusinovic (University of Montenegro, ME), Zoran Veljovic (University of Montenegro, ME), Ivo Maljevic (Soma Networks, CA)

Payam Amani, Maria Kihl, Anders Robertsson (Lund University, SE)

131. EDP-ORD: Efficient Distributed/Parallel Optimal Rule Discovery
Sahar Ghanem (Alexandria University, EG)

132. (S) Performance Modelling of a Priority Scheduling System with Exhaustive Service, Finite Capacity and Switchover
Muhammad Hayat (Technical University Vienna, AT)

133. (S) Colored Petri Nets Model based Conformance Test Generation
Jing Liu (Institute of Computing Technology, Chinese Academy of Sciences, CN), Xin-min Ye (Inner Mongolia University, CN), Jun Li (Institute of Computing Technology, Chinese Academy of Sciences, CN)

134. iMuse Mobile Tour: a Personalized Multimedia Museum Guide Opens to Groups
Athanasios Fevgas, Panagiota Tsompanopoulou, Panayiotis Bozanis (University of Thessaly, GR)

135. A Game Theory-based Approach to Reducing Interference in Dense Deployments of Home Wireless Networks
Josephina Antoniou (University of Cyprus, CY), Andreas Pitsillides (University of Cyprus, CY), Lavy Libman (University of Sydney, AU)
136. TLS and Energy Consumption On a Mobile Device: A Measurement Study
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137. (S) A WSN-based Testbed for Energy Efficiency in Buildings
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139. Performance of a Economical, Redundant System for Intranet Connectivity
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140. A Novel Classifier for Engineering Web Traffic
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141. Network Interfaces Flying over IP Networks
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142. IP Packet Interleaving: Bridging the Gap Between Theory and Practice
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143. (S) Supporting Mobility in a Publish Subscribe Internetwork Architecture
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144. Topology Control in Multi-channel Cognitive Radio Networks with Non-uniform Node
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145. A Distributed Cooperative MAC for Cognitive Radio Ad-hoc Networks
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(AT&T Labs Research, Middletown, CN)

146. Time-Based Cross-Layer Adaptations in Wireless Cognitive Radio Ad Hoc Networks
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147. Upper Bounds for Neyman-Pearson Cooperative Spectrum Sensing
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148. Decentralized Digital Content Exchange and Copyright Protection via P2P Networks
149. Revisiting the Swarm Evolution: A Long-Term Perspective  
Yong Zhao, Zhibin Zhang, Li Guo, Binxing Fang (Institute of Computing Technology, Chinese Academy of Sciences, CN)

150. A comparison of streaming extensions to BitTorrent  
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152. (S) SPECT: A System for Peer-to-Peer Economic Transactions  
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153. Reliable Communication for Mobile MANET-WSN Scenarios  
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154. An Efficient Heuristic for Estimating Transportation Network Vulnerability  
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155. Analysis of Impact of Trust on Secure Border Gateway Protocol  
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156. Detecting Non-Transient Anomalies in Visual Information Using Neural Networks  
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157. (S) Exposing Click-Fraud Using a Burst Detection Algorithm  
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158. Using Multiple Links to Increase the Performance of Bandwidth-Intensive UDP-Based Applications  
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159. Quick and Simultaneous Estimation of Available Bandwidth and Effective UDP Throughput for Real-Time Communication  
Takashi Oshiba, Kazuaki Nakajima (NEC Corporation, JP)

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162. Distributed Community Detection: Finding neighborhoods in a complex world using
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Harris Papadakis (Technological Educational Institute of Crete, GR), Costas Panagiotakis
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