



## Author index

**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Author	Session	Title
<b>A</b>  <b>A B C D E F G H I J K L M N O P Q R S T U V W X Y Z</b>		
A. G. Correa-Mena	<b>Communications Services 1</b>	<b><i>Transmission System for Digital TV-signal Distribution through a Passive Optical Network in the Microwave S-band</i></b>
A. García-Juárez	<b>Communications Services 1</b>	<b><i>Transmission System for Digital TV-signal Distribution through a Passive Optical Network in the Microwave S-band</i></b>
Adrian Lara	<b>Networking 1</b>	<b><i>Priority-based routing in a Campus Network using SDN</i></b>
Alberto Marroquin	<b>Workshop</b>	<b><i>A Distributed Test Case Dependencies Architecture - Application to the SIP protocol</i></b>
Alessandro Piti	<b>Communications Theory 3</b>	<b><i>BER Evaluation of Post-Meter PLC Services in CENELEC-C Band</i></b>
Alex B. Vieira	<b>Communications Services 2</b>	<b><i>Mapping Critical Illness Early Signs to Priority Alert Transmission on Wireless Networks</i></b>
Alexandre Heideker	<b>Workshop</b>	<b><i>Managing Elasticity in an NFV-based IaaS Environment</i></b>
Alexei V. Nikitin	<b>Communications Theory 1</b>	<b><i>Performance of Analog Nonlinear Filtering for Impulsive Noise Mitigation in OFDM-based PLC Systems</i></b>
Alfonso Prieto-Guerrero	<b>Networking 2</b>	<b><i>An analysis of spectrum occupancy upon the analog switch-off in the City of San Luis Potosi, Mexico</i></b>
Álvaro Augusto Almeida de Salles	<b>Wireless Communications and Networking 1</b>	<b><i>A new structure of UHF RFID tag antenna mountable on metallic surface using double slits</i></b>
Alvaro E. Robles Rincón	<b>Enabling Technologies</b>	<b><i>Basic Block Canary: A protection technique against Return-Oriented Programming attacks</i></b>
Ana María Zambrano	<b>Communications Services 1</b>	<b><i>Situation Awareness in the Large Forest Fires Response. A solution based on Wireless Mesh Networks</i></b>
André Noll Barreto	<b>QoS, Reliability, and Performance Modeling</b>	<b><i>Performance of 5G Candidate Waveforms with Non-linear Power Amplifiers</i></b>
Andressa Vergütz	<b>Communications Services 2</b>	<b><i>Mapping Critical Illness Early Signs to Priority Alert Transmission on Wireless Networks</i></b>
Angel F. Soto Sarango	<b>Wireless Communications and Networking 2</b>	<b><i>Designing a wireless sensor network for vehicular traffic and CO2 pollution monitoring in an urban area</i></b>
Atul Kumar	<b>Communications Theory 3</b>	<b><i>BER Evaluation of Post-Meter PLC Services in CENELEC-C Band</i></b>

	<b>Communications Theory 3</b>	<i>Impact of "Better than Nyquist" Pulse Shaping in GFDM PHY with LTE-Compatible Frame Structure</i>
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**B**  **A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Balasubramaniam Natarajan	<b>Communications Theory 1</b>	<i>Performance of Analog Nonlinear Filtering for Impulsive Noise Mitigation in OFDM-based PLC Systems</i>
Bartolomeu F. Uchôa-Filho	<b>Signal Processing 1</b>	<i>Exploiting Spatial Diversity in Overloaded MIMO LDS-OFDM Multiple Access Systems</i>
Biki Barua	<b>Signal Processing 2</b>	<i>FD-MIMO Relay Self-Interference Cancellation Using Space Projection Algorithms</i>
Boris Ramos	<b>QoS, Reliability, and Performance Modeling</b>	<i>Modelling the influence of climatic variables on the received power of a wireless link using an unlicensed U-NII band: a case study in Ecuador</i>
Bruno Fontana da Silva	<b>Signal Processing 1</b>	<i>Exploiting Spatial Diversity in Overloaded MIMO LDS-OFDM Multiple Access Systems</i>
Bryan Teague	<b>Communications Services 2</b>	<i>Peregrine: 3-D Network Localization and Navigation</i>
Byron A. Bravo Granda	<b>Wireless Communications and Networking 2</b>	<i>Designing a wireless sensor network for vehicular traffic and CO2 pollution monitoring in an urban area</i>

**C**  **A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Carlos A. Gutiérrez	<b>Communications Theory 3</b>	<i>Geometrical Modeling of Non-Stationary Double-Rayleigh Fading Channels for MIMO Vehicle-to-Vehicle Communications</i>
Carlos A. Kamienski	<b>Workshop</b>	<i>Managing Elasticity in an NFV-based IaaS Environment</i>
Carlos E. Câmara	<b>Signal Processing 2</b>	<i>BER Evaluation of Detect-and-Forward MIMO Relaying with Maximal-Ratio Combining and Antenna Selection</i>
Carlos Eugenio Martínez-Cruz	<b>Wireless Communications and Networking 1</b>	<i>Wireless Network Laboratory for Education and Research in Developing Countries</i>
Carlos Silva Cardenas	<b>Enabling Technologies</b>	<i>Implementation and Testing of IPv6 Transition Mechanisms</i>
Carolina Luiza Chamas	<b>Networking 2</b>	<i>Comparing REST, SOAP, Socket and gRPC in computation offloading of mobile applications: an energy cost analysis</i>
Celso de Almeida	<b>Signal Processing 1</b>	<i>Low-Complexity MMSE Detector Based on the First-Order Neumann Series Expansion for Massive MIMO Systems</i>
	<b>Signal Processing 2</b>	<i>Low-Complexity MMSE Detector Based on Refinement Gauss-Seidel Method for Massive MIMO Systems</i>
	<b>Signal Processing 2</b>	<i>BER Evaluation of Detect-and-Forward MIMO Relaying with Maximal-Ratio Combining and Antenna Selection</i>
Cesar A. Azurdia Meza	<b>Signal Processing 1</b>	<i>Exploiting Spatial Diversity in Overloaded MIMO LDS-OFDM Multiple Access Systems</i>
	<b>Signal Processing 1</b>	<i>An Alternative Non-cooperative Transmission Scheme based on Coded Redundant Information</i>
	<b>Communications Theory 1</b>	<i>Performance Enhancement in OFDM Systems with ICI Utilizing the Improved Double Jump Linear Combination Pulse</i>
	<b>Communications Theory 2</b>	<i>Analysis of the Exponential Linear Pulse in Baseband Digital Communication Systems</i>
	<b>Workshop</b>	<i>Signal Detection Methods in Cognitive Mobile Radio Networks: A</i>

		<i>Performance Comparison</i>
Christian Fragoas Rodrigues	<b>Communications Services 1</b>	<i>Tuning the ITU-R P.1546 Model in a MIMO Scenario and Urban Environment</i>
Claudio Estevez	<b>Enabling Technologies</b>	<i>Frame Retransmission using a Modified VST-TDMA Access Protocol in Picocell/WPAN</i>
	<b>Workshop</b>	<i>Signal Detection Methods in Cognitive Mobile Radio Networks: A Performance Comparison</i>

**D**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Daniel Cordeiro	<b>Networking 2</b>	<i>Comparing REST, SOAP, Socket and gRPC in computation offloading of mobile applications: an energy cost analysis</i>
Danilo G. Chávez	<b>Networking 1</b>	<i>IoT communication environment for Teleoperation clients in Robotics based on Matlab</i>
Danilo Silva	<b>Signal Processing 1</b>	<i>Exploiting Spatial Diversity in Overloaded MIMO LDS-OFDM Multiple Access Systems</i>
David R. Suarez Mora	<b>Wireless Communications and Networking 1</b>	<i>Expected Time to Rendezvous in Multi-hop Cognitive Radio Networks</i>
David Zabala-Blanco	<b>Communications Theory 1</b>	<i>Performance Enhancement in OFDM Systems with ICI Utilizing the Improved Double Jump Linear Combination Pulse</i>
Davide Scazzoli	<b>Communications Theory 3</b>	<i>BER Evaluation of Post-Meter PLC Services in CENELEC-C Band</i>
Davidson R Boccardo	<b>Enabling Technologies</b>	<i>Basic Block Canary: A protection technique against Return-Oriented Programming attacks</i>
Dick Carrillo	<b>Workshop</b>	<i>LoRaWAN Practical Tests: Indoor and Underground Applications</i>
Douglas do Amaral	<b>Networking 2</b>	<i>Least-Loaded-Based Routing with Physical Constraints in Transparent Optical Networks</i>

**E**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Edgar Alexander Lopez	<b>Wireless Communications and Networking 1</b>	<i>Expected Time to Rendezvous in Multi-hop Cognitive Radio Networks</i>
Eduardo Luis Rhod	<b>Wireless Communications and Networking 1</b>	<i>A new structure of UHF RFID tag antenna mountable on metallic surface using double slits</i>
Edwin J. Coronel González	<b>Wireless Communications and Networking 2</b>	<i>Designing a wireless sensor network for vehicular traffic and CO2 pollution monitoring in an urban area</i>
Enrique Stevens-Navarro	<b>Networking 2</b>	<i>An analysis of spectrum occupancy upon the analog switch-off in the City of San Luis Potosi, Mexico</i>
Erick Petersen	<b>Communications Services 2</b>	<i>A Novel Online CEP Learning Engine for MANET IDS</i>
Erik Ortiz Guerra	<b>Wireless Communications and Networking 1</b>	<i>Expected Time to Rendezvous in Multi-hop Cognitive Radio Networks</i>
Erik Perrins	<b>Communications Theory 2</b>	<i>A Comparison of Frequency-Domain Equalization Techniques in Aeronautical Telemetry</i>
Evelio M. Garcia Fernandez	<b>Signal Processing 1</b>	<i>An Alternative Non-cooperative Transmission Scheme based on Coded Redundant Information</i>

**F**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Fabian Blanco Garrido	<b>Wireless Communications and Networking 1</b>	<i>Expected Time to Rendezvous in Multi-hop Cognitive Radio Networks</i>
Fabrice Guillemin	<b>QoS, Reliability, and Performance Modeling</b>	<i>Correlation between QoS and QoE for HTTP YouTube content in Orange cellular networks</i>
Fatiha Zaïdi	<b>Workshop</b>	<i>DHYMON: a Continuous Decentralized Hybrid Monitoring Architecture for MANETs</i>
Fátima Duarte-Figueiredo	<b>Networking 1</b>	<i>NodePI : An Integrated Platform for Smart Homes</i>
Federico Carvajal	<b>Communications Services 1</b>	<i>Situation Awareness in the Large Forest Fires Response. A solution based on Wireless Mesh Networks</i>
Felipe C. Penteado	<b>Workshop</b>	<i>LoRaWAN Practical Tests: Indoor and Underground Applications</i>
Fermín M. Maciel-Barboza	<b>Communications Theory 2</b>	<i>Analysis of the Exponential Linear Pulse in Baseband Digital Communication Systems</i>
Florian Meyer	<b>Communications Services 2</b>	<i>Peregrine: 3-D Network Localization and Navigation</i>

**G**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Gabriel Campuzano	<b>Communications Theory 1</b>	<i>Performance Enhancement in OFDM Systems with ICI Utilizing the Improved Double Jump Linear Combination Pulse</i>
Germán Arévalo	<b>Communications Theory 2</b>	<i>Comparison of Clipping Techniques for PAPR Reduction in UPMC Systems</i>
Giacomo Verticale	<b>Communications Theory 3</b>	<i>BER Evaluation of Post-Meter PLC Services in CENELEC-C Band</i>
Giovani Bulla	<b>Wireless Communications and Networking 1</b>	<i>A new structure of UHF RFID tag antenna mountable on metallic surface using double slits</i>
Gourab Maiti	<b>Communications Theory 1</b>	<i>Variable Fractional Rate Digital Down Converter for Satellite Communication</i>
Gustavo Cid Ornelas	<b>QoS, Reliability, and Performance Modeling</b>	<i>Performance of 5G Candidate Waveforms with Non-linear Power Amplifiers</i>

**H**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Helder M. N. S. Oliveira	<b>Networking 2</b>	<i>Sharing Spectrum and Straddling p-Cycle FIPP for Protection Against Two Simultaneous Failures in SDM Elastic Optical Networks</i>
Henry Jaentschke	<b>Workshop</b>	<i>Dynamic Android Malware Detection: A Survey</i>
Henry W. Merino	<b>Signal Processing 2</b>	<i>BER Evaluation of Detect-and-Forward MIMO Relaying with Maximal-Ratio Combining and Antenna Selection</i>
Houda Hafi	<b>Enabling Technologies</b>	<i>Impact of Concurrent Communications in Geographical Broadcasting Protocols for Vehicular Ad hoc Networks</i>
Hugo Sampaio	<b>Wireless Communications and Networking 1</b>	<i>Implementation of a Greenhouse Monitoring System Using Hierarchical Wireless Sensor Network</i>

**I**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

I. E. Zaldívar-Huerta	<b>Communications Services 1</b>	<i>Transmission System for Digital TV-signal Distribution through a Passive Optical Network in the Microwave S-band</i>
Indira Nolivos	<b>QoS, Reliability, and</b>	<i>Modelling the influence of climatic variables on the received power</i>

	<b>Performance Modeling</b>	<i>of a wireless link using an unlicensed U-NII band: a case study in Ecuador</i>
Ismael Soto	<b>Signal Processing 1</b>	<i>An Alternative Non-cooperative Transmission Scheme based on Coded Redundant Information</i>
Israel Pérez	<b>Communications Services 1</b>	<i>Situation Awareness in the Large Forest Fires Response. A solution based on Wireless Mesh Networks</i>
Ivan Jirón	<b>Communications Theory 2</b>	<i>Analysis of the Exponential Linear Pulse in Baseband Digital Communication Systems</i>
Ivan L. Junqueira	<b>Workshop</b>	<i>LoRaWAN Practical Tests: Indoor and Underground Applications</i>
Iván N. Cano	<b>Communications Theory 2</b>	<i>Comparison of Clipping Techniques for PAPR Reduction in UFMC Systems</i>

**J**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

J. A. Icedo-Navarro	<b>Communications Services 1</b>	<i>Transmission System for Digital TV-signal Distribution through a Passive Optical Network in the Microwave S-band</i>
J. R. Noriega-Luna	<b>Communications Services 1</b>	<i>Transmission System for Digital TV-signal Distribution through a Passive Optical Network in the Microwave S-band</i>
Jaime Aranda-Cubillo	<b>Communications Theory 2</b>	<i>Analysis of the Exponential Linear Pulse in Baseband Digital Communication Systems</i>
Javier Cáceres	<b>Communications Theory 2</b>	<i>Comparison of Clipping Techniques for PAPR Reduction in UFMC Systems</i>
Javier Vázquez Castillo	<b>Communications Theory 3</b>	<i>Geometrical Modeling of Non-Stationary Double-Rayleigh Fading Channels for MIMO Vehicle-to-Vehicle Communications</i>
Jesus Marco Vivas Ruiz	<b>Enabling Technologies</b>	<i>Implementation and Testing of IPv6 Transition Mechanisms</i>
João Luiz Rebelatto	<b>Signal Processing 1</b>	<i>An Alternative Non-cooperative Transmission Scheme based on Coded Redundant Information</i>
Joaquin Cortez	<b>Signal Processing 2</b>	<i>A Low-Complexity Near-ML Detector for a 3 X nR Hybrid Space-Time Code</i>
Jorge Seki	<b>Workshop</b>	<i>LoRaWAN Practical Tests: Indoor and Underground Applications</i>
José Alonso	<b>QoS, Reliability, and Performance Modeling</b>	<i>Modelling the influence of climatic variables on the received power of a wireless link using an unlicensed U-NII band: a case study in Ecuador</i>
Jose Alvarez	<b>Workshop</b>	<i>DHYMON: a Continuous Decentralized Hybrid Monitoring Architecture for MANETs</i>
José Augusto M. Nacif	<b>Communications Services 2</b>	<i>Mapping Critical Illness Early Signs to Priority Alert Transmission on Wireless Networks</i>
Jose Luis Muñoz Tapia	<b>Enabling Technologies</b>	<i>Implementation and Testing of IPv6 Transition Mechanisms</i>
Jose Solares	<b>Workshop</b>	<i>A Distributed Test Case Dependencies Architecture - Application to the SIP protocol</i>
José T. Gutiérrez-Mena	<b>Communications Theory 3</b>	<i>Geometrical Modeling of Non-Stationary Double-Rayleigh Fading Channels for MIMO Vehicle-to-Vehicle Communications</i>
Josué D. Burbano	<b>Networking 1</b>	<i>IoT communication environment for Teleoperation clients in Robotics based on Matlab</i>
Juan C. Agüero	<b>Communications Theory 1</b>	<i>On Maximum Likelihood Estimation of Channel Impulse Response and Carrier Frequency Offset in OFDM Systems</i>
Juan Felipe Botero	<b>Networking 1</b>	<i>A scalable metaheuristic for Service Function Chain Composition</i>

Juan Fernando González Orrego	<b>Wireless Communications and Networking 1</b>	<b>Throughput and delay evaluation framework integrating SDN and IEEE 802.11s WMN</b>
Juan José Hernández-Porras	<b>Workshop</b>	<b>Automated Suggesting Software Metrics Framework</b>
Juan Minango	<b>Signal Processing 1</b>	<b>Low-Complexity MMSE Detector Based on the First-Order Neumann Series Expansion for Massive MIMO Systems</b>
	<b>Signal Processing 2</b>	<b>Low-Complexity MMSE Detector Based on Refinement Gauss-Seidel Method for Massive MIMO Systems</b>
Juan Montoya	<b>Wireless Communications and Networking 2</b>	<b>Optimal RAT Selection and WiFi Offloading in Multi RAT HetNet with User-Centric Deployments</b>
Juan P. Hoyos	<b>Communications Theory 2</b>	<b>Correlation Sketching for Ordered Data</b>
Juan Pablo Urrea Duque	<b>Wireless Communications and Networking 1</b>	<b>Throughput and delay evaluation framework integrating SDN and IEEE 802.11s WMN</b>
Judy C. Guevara	<b>Networking 2</b>	<b>Class of Service in Fog Computing</b>
Juliana Borges Ferreira	<b>Wireless Communications and Networking 1</b>	<b>A new structure of UHF RFID tag antenna mountable on metallic surface using double slits</b>
Juliana de Santi	<b>Networking 2</b>	<b>Least-Loaded-Based Routing with Physical Constraints in Transparent Optical Networks</b>
Juliano Bazzo	<b>Workshop</b>	<b>LoRaWAN Practical Tests: Indoor and Underground Applications</b>
Juliver Gil-Herrera	<b>Networking 1</b>	<b>A scalable metaheuristic for Service Function Chain Composition</b>

**K**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Karen Rivas	<b>Communications and Signal Processing 4</b>	<b>Information Criterion-based channel estimation in OFDM systems with time and frequency offset</b>
	<b>Communications Theory 1</b>	<b>On Maximum Likelihood Estimation of Channel Impulse Response and Carrier Frequency Offset in OFDM Systems</b>
Kazi Mustafizur Rahman	<b>Signal Processing 2</b>	<b>FD-MIMO Relay Self-Interference Cancellation Using Space Projection Algorithms</b>
Keiko Verônica Ono Fonseca	<b>Networking 2</b>	<b>Least-Loaded-Based Routing with Physical Constraints in Transparent Optical Networks</b>

**L**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

L. A. González-Mondragón	<b>Communications Services 1</b>	<b>Transmission System for Digital TV-signal Distribution through a Passive Optical Network in the Microwave S-band</b>
Leonardo F. Burbano	<b>Networking 1</b>	<b>IoT communication environment for Teleoperation clients in Robotics based on Matlab</b>
Ligia M.M. Zorello	<b>Wireless Communications and Networking 2</b>	<b>Performance Analysis of Online Matching Algorithms for D2D Communications</b>
Liliana Cruz Flores	<b>Wireless Communications and Networking 1</b>	<b>Expected Time to Rendezvous in Multi-hop Cognitive Radio Networks</b>
Lisandro Lovisolo	<b>Communications Services 1</b>	<b>Tuning the ITU-R P.1546 Model in a MIMO Scenario and Urban Environment</b>

	<b>Signal Processing 2</b>	<b><i>Acoustic Modem using OFDM and Least-Square Channel Estimation</i></b>
Lucas Darian Schwendler Vieira	<b>Networking 2</b>	<b><i>Least-Loaded-Based Routing with Physical Constraints in Transparent Optical Networks</i></b>
Lucas Muratori	<b>Communications Services 1</b>	<b><i>Tuning the ITU-R P.1546 Model in a MIMO Scenario and Urban Environment</i></b>
Luis A. Belduma Belduma	<b>Wireless Communications and Networking 2</b>	<b><i>Designing a wireless sensor network for vehicular traffic and CO2 pollution monitoring in an urban area</i></b>
Luis Carlos Vieira	<b>Networking 2</b>	<b><i>Least-Loaded-Based Routing with Physical Constraints in Transparent Optical Networks</i></b>
Luis Quesada	<b>Networking 1</b>	<b><i>Priority-based routing in a Campus Network using SDN</i></b>
Luiz F. Bittencourt	<b>Networking 2</b>	<b><i>Class of Service in Fog Computing</i></b>
Luiz Fernando Rust	<b>Enabling Technologies</b>	<b><i>Basic Block Canary: A protection technique against Return-Oriented Programming attacks</i></b>

**M**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Manuel Esteve	<b>Communications Services 1</b>	<b><i>Situation Awareness in the Large Forest Fires Response. A solution based on Wireless Mesh Networks</i></b>
Marceau Coupechoux	<b>Wireless Communications and Networking 2</b>	<b><i>Performance Analysis of Online Matching Algorithms for D2D Communications</i></b>
Marcelo Medeiros Eler	<b>Networking 2</b>	<b><i>Comparing REST, SOAP, Socket and gRPC in computation offloading of mobile applications: an energy cost analysis</i></b>
Marcelo Zambrano	<b>Communications Services 1</b>	<b><i>Situation Awareness in the Large Forest Fires Response. A solution based on Wireless Mesh Networks</i></b>
Marco A.T. Rojas	<b>Wireless Communications and Networking 2</b>	<b><i>Performance Analysis of Online Matching Algorithms for D2D Communications</i></b>
Marco Antonio To	<b>Communications Services 2</b>	<b><i>A Novel Online CEP Learning Engine for MANET IDS</i></b>
Marco Cardenas-Juarez	<b>Networking 2</b>	<b><i>An analysis of spectrum occupancy upon the analog switch-off in the City of San Luis Potosi, Mexico</i></b>
Mariela N. Jiménez	<b>Communications Theory 2</b>	<b><i>Comparison of Clipping Techniques for PAPR Reduction in UPMC Systems</i></b>
Masaki Aida	<b>Networking 1</b>	<b><i>Estimating the Structure of Social Networks from Incomplete Set of Observed Information by Using Compressed Sensing</i></b>
Maurizio Magarini	<b>Communications Theory 3</b>	<b><i>BER Evaluation of Post-Meter PLC Services in CENELEC-C Band</i></b>
	<b>Communications Theory 3</b>	<b><i>Impact of "Better than Nyquist" Pulse Shaping in GFDM PHY with LTE-Compatible Frame Structure</i></b>
Michael Rice	<b>Communications Theory 2</b>	<b><i>A Comparison of Frequency-Domain Equalization Techniques in Aeronautical Telemetry</i></b>
Michel P. Tcheou	<b>Signal Processing 2</b>	<b><i>Acoustic Modem using OFDM and Least-Square Channel Estimation</i></b>
Michele Nogueira	<b>Communications Services 2</b>	<b><i>Mapping Critical Illness Early Signs to Priority Alert Transmission on Wireless Networks</i></b>
Miguel Bazdresch	<b>Signal Processing 2</b>	<b><i>A Low-Complexity Near-ML Detector for a 3 X nR Hybrid Space-Time Code</i></b>
Milton N. Tipán	<b>Communications Theory 2</b>	<b><i>Comparison of Clipping Techniques for PAPR Reduction in UPMC Systems</i></b>

Mingyang Li	<b>QoS, Reliability, and Performance Modeling</b>	<i>On the Feasibility of Profiling Internet Users based on Volume and Time of Usage</i>
Moe Z. Win	<b>Communications Services 2</b>	<i>Peregrine: 3-D Network Localization and Navigation</i>
Monira A. Gonçalves	<b>Signal Processing 2</b>	<i>Acoustic Modem using OFDM and Least-Square Channel Estimation</i>

**N**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Nadir Hakem	<b>Signal Processing 2</b>	<i>FD-MIMO Relay Self-Interference Cancellation Using Space Projection Algorithms</i>
Naresh Kumar T	<b>Communications Theory 1</b>	<i>Variable Fractional Rate Digital Down Converter for Satellite Communication</i>
Natalia Gaviria Gómez	<b>Wireless Communications and Networking 2</b>	<i>Optimal RAT Selection and WiFi Offloading in Multi RAT HetNet with User-Centric Deployments</i>
Nelson L. S. da Fonseca	<b>Networking 2</b>	<i>Sharing Spectrum and Straddling p-Cycle FIPP for Protection Against Two Simultaneous Failures in SDM Elastic Optical Networks</i>
	<b>Networking 2</b>	<i>Class of Service in Fog Computing</i>

**O**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Omar Longoria-Gandara	<b>Signal Processing 2</b>	<i>A Low-Complexity Near-ML Detector for a 3 X nR Hybrid Space-Time Code</i>
Oscar Somarriba	<b>Workshop</b>	<i>Dynamic Android Malware Detection: A Survey</i>

**P**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Pablo Jojoa	<b>Communications Theory 2</b>	<i>Correlation Sketching for Ordered Data</i>
Pablo Palacios	<b>Workshop</b>	<i>Signal Detection Methods in Cognitive Mobile Radio Networks: A Performance Comparison</i>
Pablo W. Hidalgo	<b>Networking 1</b>	<i>IoT communication environment for Teleoperation clients in Robotics based on Matlab</i>
Pradeep Goutam	<b>Communications Theory 1</b>	<i>Variable Fractional Rate Digital Down Converter for Satellite Communication</i>

**Q**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

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**R**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

R. E. Tapia-Rodríguez	<b>Communications Services 1</b>	<i>Transmission System for Digital TV-signal Distribution through a Passive Optical Network in the Microwave S-band</i>
Rafael Aguilar-Gonzalez	<b>Networking 2</b>	<i>An analysis of spectrum occupancy upon the analog switch-off in the City of San Luis Potosi, Mexico</i>
Rafael da Silva	<b>Communications Services 2</b>	<i>Mapping Critical Illness Early Signs to Priority Alert Transmission on Wireless Networks</i>
Rafael E. Carrillo	<b>Communications Theory 2</b>	<i>Correlation Sketching for Ordered Data</i>
Rafael V. Louredo	<b>Signal Processing 2</b>	<i>Acoustic Modem using OFDM and Least-Square Channel Estimation</i>
Rahul Vaze	<b>Wireless Communications and Networking 2</b>	<i>Performance Analysis of Online Matching Algorithms for D2D Communications</i>



Raúl Mejía	<b>QoS, Reliability, and Performance Modeling</b>	<i>Modelling the influence of climatic variables on the received power of a wireless link using an unlicensed U-NII band: a case study in Ecuador</i>
Ravi Shankar B	<b>Communications Theory 1</b>	<i>Variable Fractional Rate Digital Down Converter for Satellite Communication</i>
Reza Barazideh	<b>Communications Theory 1</b>	<i>Performance of Analog Nonlinear Filtering for Impulsive Noise Mitigation in OFDM-based PLC Systems</i>
Ricardo Neftali Pontaza Rodas	<b>Workshop</b>	<i>ID spoofing avoidance based on one-way functions</i>
Richard Demo Souza	<b>Signal Processing 1</b>	<i>An Alternative Non-cooperative Transmission Scheme based on Coded Redundant Information</i>
Robhyson Denys R. da Silva	<b>Wireless Communications and Networking 2</b>	<i>Dimensioning of WBANs Number for Cluster-Type Network Structure</i>
Rodrigo Carvajal	<b>Communications Theory 1</b>	<i>On Maximum Likelihood Estimation of Channel Impulse Response and Carrier Frequency Offset in OFDM Systems</i>
Ruslan L. Davidchack	<b>Communications Theory 1</b>	<i>Performance of Analog Nonlinear Filtering for Impulsive Noise Mitigation in OFDM-based PLC Systems</i>

**S**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

S V Hari Prasad	<b>Communications Theory 1</b>	<i>Variable Fractional Rate Digital Down Converter for Satellite Communication</i>
Sadaf Moaveninejad	<b>Communications Theory 3</b>	<i>BER Evaluation of Post-Meter PLC Services in CENELEC-C Band</i>
Salah Merniz	<b>Enabling Technologies</b>	<i>Impact of Concurrent Communications in Geographical Broadcasting Protocols for Vehicular Ad hoc Networks</i>
Samuel Montejó-Sánchez	<b>Signal Processing 1</b>	<i>An Alternative Non-cooperative Transmission Scheme based on Coded Redundant Information</i>
	<b>Communications Theory 1</b>	<i>Performance Enhancement in OFDM Systems with ICI Utilizing the Improved Double Jump Linear Combination Pulse</i>
	<b>Communications Theory 2</b>	<i>Analysis of the Exponential Linear Pulse in Baseband Digital Communication Systems</i>
Sarah A. Dahab	<b>Workshop</b>	<i>Automated Suggesting Software Metrics Framework</i>
Sebastián Pazos	<b>Communications Theory 2</b>	<i>Correlation Sketching for Ordered Data</i>
Sérgio Câmara	<b>Enabling Technologies</b>	<i>Basic Block Canary: A protection technique against Return-Oriented Programming attacks</i>
Shun Sugimoto	<b>Networking 1</b>	<i>Estimating the Structure of Social Networks from Incomplete Set of Observed Information by Using Compressed Sensing</i>
Shusaburo Motoyama	<b>Wireless Communications and Networking 1</b>	<i>Implementation of a Greenhouse Monitoring System Using Hierarchical Wireless Sensor Network</i>
	<b>Wireless Communications and Networking 2</b>	<i>Dimensioning of WBANs Number for Cluster-Type Network Structure</i>
Soheil Sarmadi	<b>QoS, Reliability, and Performance Modeling</b>	<i>On the Feasibility of Profiling Internet Users based on Volume and Time of Usage</i>
Soundarakumar M	<b>Communications Theory 1</b>	<i>Variable Fractional Rate Digital Down Converter for Satellite Communication</i>
Sriram	<b>QoS, Reliability, and</b>	<i>On the Feasibility of Profiling Internet Users based on Volume and</i>

Chellappan	<b>Performance Modeling</b>	<i>Time of Usage</i>
Stefano Bregni	<b>Communications Theory 3</b>	<i>BER Evaluation of Post-Meter PLC Services in CENELEC-C Band</i>
	<b>Communications Theory 3</b>	<i>Impact of "Better than Nyquist" Pulse Shaping in GFDM PHY with LTE-Compatible Frame Structure</i>
Stephane Maag	<b>Communications Services 2</b>	<i>A Novel Online CEP Learning Engine for MANET IDS</i>
	<b>Workshop</b>	<i>DHYMON: a Continuous Decentralized Hybrid Monitoring Architecture for MANETs</i>
	<b>Workshop</b>	<i>A Distributed Test Case Dependencies Architecture - Application to the SIP protocol</i>
	<b>Workshop</b>	<i>Automated Suggesting Software Metrics Framework</i>
Stephanie Moteau	<b>QoS, Reliability, and Performance Modeling</b>	<i>Correlation between QoS and QoE for HTTP YouTube content in Orange cellular networks</i>

**T**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Talles Quintão Pessoa	<b>Networking 1</b>	<i>NodePI : An Integrated Platform for Smart Homes</i>
Tereza C.M.B. Carvalho	<b>Wireless Communications and Networking 2</b>	<i>Performance Analysis of Online Matching Algorithms for D2D Communications</i>
Thierry Houdoin	<b>QoS, Reliability, and Performance Modeling</b>	<i>Correlation between QoS and QoE for HTTP YouTube content in Orange cellular networks</i>

**U**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Ulises Pineda-Rico	<b>Networking 2</b>	<i>An analysis of spectrum occupancy upon the analog switch-off in the City of San Luis Potosi, Mexico</i>
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**V**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Vanessa Quintero	<b>Enabling Technologies</b>	<i>Frame Retransmission using a Modified VST-TDMA Access Protocol in Picocell/WPAN</i>
Vanessa Vasconcellos	<b>QoS, Reliability, and Performance Modeling</b>	<i>Performance of 5G Candidate Waveforms with Non-linear Power Amplifiers</i>
Vencent Martinez	<b>Workshop</b>	<i>A Distributed Test Case Dependencies Architecture - Application to the SIP protocol</i>
Victor Ramos	<b>Networking 2</b>	<i>An analysis of spectrum occupancy upon the analog switch-off in the City of San Luis Potosi, Mexico</i>
Vitalio Alfonso Reguera	<b>Wireless Communications and Networking 1</b>	<i>Expected Time to Rendezvous in Multi-hop Cognitive Radio Networks</i>

**W**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Wahabou Abdou	<b>Enabling Technologies</b>	<i>Impact of Concurrent Communications in Geographical Broadcasting Protocols for Vehicular Ad hoc Networks</i>
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**X**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

**Y**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Ying-Dar Lin

**Workshop**

*ID spoofing avoidance based on one-way functions*

**Z**



**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

Zhenyu Liu

**Communications  
Services 2**

*Peregrine: 3-D Network Localization and Navigation*

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Prepared by Carlos Velasquez-Villada.  
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