

LATINCOM 2012

Thursday, November 8, 2012

11:15AM-12:15PM

WS1 - Next-generation access network

Chair: Julio Armas

Municipal Open Access MAN and Democratization of Broadband Access in Brazil

José Umberto Sverzut, Gean Davis Breda, Bruno Bogaz Zarpelão, Leonardo de Souza Mendes, *School of Electrical and Computer Engineering, University of Campinas (UNICAMP), Campinas, Brazil.*

Performance of optical modulation formats in a XG-PON Scenario

Claudia Carmona Rodríguez, *Facultad de Ingeniería de Tecnologías de información y comunicación. Universidad Pontificia Bolivariana.*

Ana María Cárdenas Soto, *Maestría en Ingeniería de Telecomunicaciones. Universidad de Antioquia. Medellín, Colombia.*

Optical Combs configuration for WDM and OFDM access networks

Hernán Darío Yepes Montoya, *Electronics and Telecommunications Engineering Dept., University of Antioquia, Medellín, Colombia.*

Ana María Cárdenas Soto, *Electronics and Telecommunications Engineering Dept., University of Antioquia, Medellín, Colombia.*

2:45PM - 4:25PM

WS2 - Transmission and access

Chair: Katty Rohoden

A Naive Approach to the Probability of Success Call Completion from a Three Stages Handoff Procedure

Huber Nieto-Chaupis, *Facultad de Ingeniería Electrónica y Mecatrónica, Universidad Tecnológica del Perú, Esq. Petit Thouars - 28 de Julio, Lima1, Perú.*

Hernán Salas-Asencios, *The Graduate Program of Telecom and Networking, Technological University of America, Vice-Provost, 3700 Cononut Creek, FL 33066, USA.*

DSL Phantom Mode Transmission: Cable Measurements and Performance Evaluation

D. A. Gomes, G. Guedes, A. Klautau and E. Pelaes, *Electrical Engineering Department, UFPA Institute of Technology, Belém, Pará – Brazil.*

Chenguang Lu, *Ericsson Research, Kista, Sweden.*

Evaluation of a Balanced Antipodal Vivaldi Antenna Behavior

Roberto Boris Martínez Aguilar, Martha María Molina Alvarez, Patricia Raquel Castillo Aranibar, *Ingeniería de Telecomunicaciones, Universidad Católica San Pablo, Arequipa, Perú.*

Distortion analysis of nonlinear phenomena in optical fiber applied to SCM-WDM link

William S. Puche, Ferney Amaya and Javier E. Sierra, *Gidati Research Group, Universidad Pontificia Bolivariana, Medellin, Colombia.*

Optical System using VHGT Filter for Wavelength Division Multiplexed (WDM) Hybrid Optoelectronic Receiver

Julio Armas, Vítězslav Jeřábek, David Mareš.

4:55PM - 6:15PM

WS3 - Wireless communications I

Chair: Jose Vergara

Concerns on using RSS for distance and angle measurements

Muswieck, Bruno de S., *Department of R&D, Eletroeste Tecnologia & Automação, Uruguaiana, Brazil.*

Russi, Jumar L; Heckler, Marcos V.T., *Department of Electrical Eng. and Telecommunication, Federal University of Pampa, Alegrete, Brazil.*

An evaluation of strategies to improve the message delivery reliability on WSN without the use of acknowledgement messages

González Ricardo, *Departamento de Computación y Tecnología de la Información, Grupo Greta, Universidad Simón Bolívar, Caracas, Venezuela.*

Huerta Mónica, *Departamento de Electrónica y Circuitos, Grupo Greta, Universidad Simón Bolívar, Caracas, Venezuela.*

Frequencies Assignment in WiMAX Networks

Miguel Sanchez Meraz, Carlos Sosa Paz, Duarte Calderon Alizari, *Departamento de Telecomunicaciones ESIME Zacatenco Instituto Politécnico Nacional, México City, México.*

Hardware and Software Open Technologies for a Communication System that fits to Emergency and Disaster Scenarios using cellular terminals GSM

Manuel Quiñones, Rommel Torres and Katty Rohoden, *Department of Computer Sciences and Electronic, Universidad Técnica Particular de Loja, UTPL, Loja, Ecuador.*

Friday, November 9, 2012

11:15AM - 12:15PM

WS4 - Wireless communications II

Chair: Boris Ramos

A study of adaptive application development for 802.11g networks

Danillo Vaz Borges de Assis, *CPGEI, Federal Technological University from Paraná – UTFPR, Curitiba, Brazil.*

Luiz Nacamura Júnior, *CPGEI, Federal Technological University from Paraná – UTFPR, Curitiba, Brazil.*

Spectrum Occupancy Measurements in an Urban Area of Bogota Colombia

Felipe Forero, *Msc(s) at Distrital University, Engineering Faculty, Bogota, Colombia.*

Luis Fernando Pedraza, *PhD(s) at Nacional University of Colombia and Distrital University Professor, Bogota, Colombia.*

Ingrid Paez, *Nacional University of Colombia Professor, Engineering Faculty, Bogota, Colombia.*

Energy Efficiency Comparison of Routing Protocols for Mobile Ad Hoc Networks in Emergency Scenarios

Manuel Quiñones and Rommel Torres, *Departamento de Ciencias de la Computación y Electrónica, Universidad Técnica Particular de Loja, UTPL, Loja, Ecuador.*

2:45PM - 4:25PM

WS5 - Green, user-centered, and security

Chair: Fabrizio Granelli

Efficiency Applications for Vehicular Networks: Towards Green Transportation Systems

Ana María Orozco, *Universidad Icesi, Cali, Colombia, i2T Research Group.*

Gonzalo Llano, *Universidad Icesi, Cali, Colombia, i2T Research Group.*

Roger Michoud, *Swiss Federal Institute of Technology Lausanne, EPFL, Switzerland.*

An approach to correlation of QoE/QoS metrics over IPTV using a Diffserv Network

Diego J. Botia, Natalia. Gaviria G., *Research Group in Telecommunications Applied GITA-ARTICA. Engineering Department. Universidad de Antioquia, Medellin, Antioquia, Colombia.*

José M. Menéndez , David . Jimenez, *Research Group in Applications of Visual Telecommunications - G@TV. E.T.S. Ingenieros de Telecomunicación, Universidad Politécnica de Madrid – Spain.*

User-Level Multicast Routing for Real-time Multimedia Communications

Francisco E. Jurado-Monzón, *Center for Research in Mathematics-CIMAT, Guanajuato, México.*

Rogelio Hasimoto-Beltran, *IEEE Member, Center for Research in Mathematics-CIMAT, Guanajuato, México.*

Emulation of Malformed XML Using WSInject for Security Testing Against WS-Security

Marcelo Palma Salas, Eliane Martins, *Laboratory of Distributed Systems, Institute of Computing, State University of Campinas, Campinas, Brazil.*

On the Throughput Optimality of Distributed MAC Protocols for Directional Antennas

Biplab Sikdar, *Department of ECSE, Rensselaer Polytechnic Institute, Troy, NY 12180 USA.*

Miki Yamamoto, *Department of EEE, Kansai University, Osaka, 564-8680 Japan.*