

2016 IEEE MTT-S Latin America Microwave Conference (LAMC 2016)  
Puerto Vallarta, Mexico, Dec. 12-14, 2016

**Regular Sessions**

**RS-2: Wireless Communications and Applications (Mo-4B)**

Day: Monday, December 12  
Room: Girasol  
Time: 11:15–12:55

Chair: Frank Ellinger (Technische Universität Dresden, Dresden, Germany)

Co-Chair: Alejandro García Lampérez (Carlos III University, Leganés, Spain)

Time	ID	Paper#	Title / Authors / Affiliations
11:15 to 11:35	Mo-4B-1	124	<b>Frequency and Angular Estimations of Detected Microwave Source using Unmanned Aerial Vehicles</b> I. Llamas-Garro <sup>1</sup> , K. Lukin <sup>2</sup> , M. T. de Melo <sup>4</sup> , J. Kim <sup>3</sup> <sup>1</sup> Centre Tecnològic de Telecomunicacions de Catalunya (CTTC), Castelldefels, Spain, <sup>2</sup> National Academy of Sciences of Ukraine (NASU), Kharkov, Ukraine, <sup>3</sup> Chonbuk National University (CBNU), Jeonju, Republic of Korea, <sup>4</sup> Universidade Federal de Pernambuco (UFPE), Recife, Brazil
11:35 to 11:55	Mo-4B-2	139	<b>A novel function segmentation methodology for implementing affordable channel emulators</b> J. M. Trejo-Arellano <sup>1</sup> , J. Vazquez-Castillo <sup>2</sup> , O. Longoria-Gandara <sup>1</sup> , C. Gutierrez <sup>3</sup> , R. Carrasco-Alvarez <sup>4</sup> , A. Castillo-Atoche <sup>5</sup> <sup>1</sup> ITESO – The Jesuit University of Guadalajara, Tlaquepaque, Mexico, <sup>2</sup> Universidad de Quintana Roo, Chetumal, Mexico, <sup>3</sup> UASLP, San Luis Potosi, Mexico, <sup>4</sup> UDG, Guadalajara, Mexico, <sup>5</sup> Universidad Autonoma de Yucatan, Merida, Mexico
11:55 to 12:15	Mo-4B-3	171	<b>The Packet Arrival Model and Separation Algorithm for an MPR-Aware 802.11 DCF MAC Protocol</b> L. J. Medina-Marin <sup>1</sup> , A. G. Orozco-Lugo <sup>2</sup> , M. Lara <sup>2</sup> , F. Téllez-A. <sup>2</sup> , R. Parra-Michel <sup>1</sup> <sup>1</sup> Cinvestav, Guadalajara, Mexico, <sup>2</sup> Cinvestav, Ciudad de México, Mexico
12:15 to 12:35	Mo-4B-4	172	<b>Multiple Packet Reception Exploiting Blank Intervals</b> F. Téllez-A., A. G. Orozco-Lugo, M. Lara Cinvestav, Ciudad de México, Mexico
12:35 to 12:55	Mo-4B-5	179	<b>Performance Evaluation of an OFDMA and CDMA overlaid system</b> O. Guerrero-Méndez, J. Castañeda-Camacho, L. Cortez, G. Mino-Aguilar, J. F. Guerrero-Castellanos, G. A. Muñoz-Hernández, M. Gutierrez-Arias Benemérita Universidad Autónoma de Puebla, Puebla, Mexico