

# Infocommunications Journal

A PUBLICATION OF THE SCIENTIFIC ASSOCIATION FOR INFOCOMMUNICATIONS (HTE)

September 2015

Volume VII

Number 3

ISSN 2061-2079

## GUEST EDITORIAL

Special Issue on Advanced Wireless and Mobile Technologies and Services ... *H. Charaf and S. Imre* 1

## PAPERS OF THE SPECIAL ISSUE

Robust CP-based Synchronization for DAB/DAB+ Systems over Dispersive Fading Channels ..... *S. Baumgartner, Y. El Hajj Shehadeh, and G. Hirtz* 2

Establishing Lower Bounds on the Peak-to-Average-Power Ratio in Filter Bank Multicarrier Systems.....*B. Horváth and P. Horváth* 10

Sum-rate Performance of Large Centralized and Distributed MU-MIMO Systems in Indoor WLAN ..... *Q. Wang, D. Debbarma, A. Lo, I. Niemegeers, and S. Heemstra de Groot* 17

Dynamic Queue Utilization Based MAC for Multi-Hop Ad Hoc Networks .....*J. Marchang, B. Ghita, and D. Lancaster* 25

Hierarchical-distributed approach to movement classification using wrist-mounted wireless inertial and magnetic sensor ..... *P. Sarcevic, L. Schaffer, Z. Kincses, and Sz. Pletl* 33

## PAPERS FROM OPEN CALL

Design of Pipelined Adaptive DFE Architecture For High Speed Channel Equalization .....*A. Mandal and R. Mishra* 42

Traffic Simulation based on the Robocar World Championship Initiative ..... *N. Batfai, R. Besenczi, A. Mamenyak and M. Ispány* 50

## CALL FOR PAPERS / PARTICIPATION

Special Issue on Applied Cryptography and Security ..... 24

European Signal Processing Conference – EUSIPCO 2016, Budapest ..... 59

IEEE International Symposium on Personal, Indoor & Mobile Radio Communications – PIMRC 2016 ..... 61

## ADDITIONAL

Guidelines for our Authors ..... 60

