

## Table of Contents

A Spectrum Sensing Technique Based on Variably Weighted Sensing Samples in the Presence of Random Traffic of Primary Users <i>Eunyoung Cho, Keunhong Chae, and Seokho Yoon</i>	1
Energy-efficient Live Migration of I/O-intensive Virtual Network Services Across Distributed Cloud Infrastructures <i>Ngoc Khanh Truong, Christian Pape, Sebastian Rieger, and Sven Reissmann</i>	6
An Over the Air Update Mechanism for ESP8266 Microcontrollers <i>Dustin Frisch, Sven Reissmann, and Christian Pape</i>	12
Multi-Dimensional Detection in Future Hyper-Scale Datacenters <i>Santiago Echeverri-Chacon</i>	18
Available Resources for Reconfigurable Systems in 5G Networks <i>Juan Sebastian Rodriguez Paez and Juan Jose Vegas Olmos</i>	24
Evaluation of SDN Enabled Data Center Networks Based on High Radix Topologies <i>Bogdan Andrus, Victor Mehmeri, Achim Autenrieth, Juan Jose Vegas Olmos, and Idelfonso Tafur Monroy</i>	30
Simulation Study of Persistent Relay CSMA with Random Assigning of Initial Contention Window Values <i>Katsumi Sakakibara, Naoya Yoda, and Kento Takabayashi</i>	36
A Preliminary Study on Using Smartphones to Detect Falling Accidents <i>Jin-Shyan Lee and Hsuan-Han Tseng</i>	42
Evaluation of Packet Preemption Over C-RAN Fronthaul Networks <i>Ying Yan, Zifan Zhou, Sarah Ruepp, and Michael Berger</i>	48