

## Table of Contents

Cooperative Communication Scheme using Network Coding and Constructive-Interference Phenomena for Information-Centric Wireless Networks <i>Shintaro Mori</i>	1
Resource Allocation in 5G and Beyond Networks for Mu-MIMO Systems <i>Eirini Barri, Christos Bouras, Apostolos Gkamas, Vasileios Kokkinos, and Aspasia Koukouvela</i>	5
Multi-beam and High Gain Antenna Array for RF Energy Harvesting Applications in 5G Network <i>Chemseddine Benkalfate, Achour Ouslimani, Abed-Elhak Kasbari, and Mohammed Feham</i>	10
Secure PMIPv6-Based Mobility Solution for LoRaWAN <i>Hassan Jradi, Abed Ellatif Samhat, Fabienne Nouvel, Mohamad Mroue, and Jean-Christophe Prevotet</i>	16
Joint Power Control, Pilot Assignment, User Association and Flight Control for Massive MIMO Self-Organizing Drones using Reinforcement Learning <i>Gabriel Skidmore</i>	22
Optimization of the Virtual Network Function Reconfiguration Plan in 5G Network Slicing <i>Hanane Biallach, Mustapha Bouhtou, and Dritan Nace</i>	28
Distributed Ledger Technology for Command and Control and Decentralized Operations <i>David Last, Michael Atighetchi, Partha Pal, Edward Lu, and Ryan Toner</i>	35