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                        UWB Multiple-Access System with a Single User Noncoherent Reception
                        -- Detecting Transmission Power Misbehaviour in Wi-Fi Networks -- P-
                        Persistent Queue Management to Overcome Channel Failures in IEEE
                        802.11 Networks for Real-Time Multimedia Streaming -- Supporting a
                        Pseudo-TDMA Access Scheme in Mesh Wireless Networks -- Dynamic
                        Resource Allocation for MCCA-Based Streaming in Wi-Fi Mesh Networks
                        -- Distributed Clock Synchronization Algorithm for Wide-Range TDMA
                        Ad Hoc Networks -- Joint Integrated Spectrum Handoff Management
                        and Routing in CR-MANETs: An Analytical Modeling -- Dimensioning
                        Self-sufficient Networks of Energy Harvesting Embedded Devices --
                        Experiment Design for Parameter Estimation in Sensing Models.

   Sommario/riassunto   This book constitutes the refereed proceedings of the First
                        International Workshop on Wireless Access Flexibility, WiFlex 2013,
                        held in Kaliningrad, Russia, in September 2013. The 13 full papers
                        presented were carefully reviewed and selected for inclusion in this
                        volume. The papers describe the latest results and novel research ideas
                        in the field of flexible wireless access architecture design opening the

door for innovative solutions significantly improving network performance. The following topics are covered in this volume: 4G and beyond, local area networks, multi-hop networks, sensor networks.