Cooperation and Multimedia Traffic Management in WN
Unicast versus Multicast for Live TV Delivery in Networks with Tree Topology p. 1
Dual Mobile-Ip Tunnels for Video Stream Splitting and Merging in Wireless Handoffs p. 15
Distributed Cooperation and Diversity for Hybrid Wireless Networks p. 27
Advances to IEEE 802.11
A Multi-hop Aware Weighted Scheduling Mechanism for HSDPA and IEEE 802.11 Integrated Network p. 40
Enhanced Mobility Support for Roaming Users: Extending the IEEE 802.21 Information Service p. 52
Error-Sensitive Adaptive Frame Aggregation in 802.11n WLAN p. 64
Routing and Performance Optimization
SHORT: A Static-Hybrid Approach for Routing Real Time Applications over Multichannel, Multihop Wireless Networks p. 77
Multiuser Scheduling via Dynamic Optimization p. 95
Scalable Packet Loss Recovery for Mobile P2P Streaming p. 107
Cognitive Multihop Networks-I
Aggressive Joint Access and Backhaul Design for Distributed-Cognition 1Gbps/km2 System Architecture p. 121
Learning-Based Spectrum Selection in Cognitive Radio Ad Hoc Networks p. 133
Cognitive Multihop Networks-II
Frequency Agility in IPv6-Based Wireless Personal Area Networks (6LoWPAN) (Invited Paper) p. 146
Competitive Unlicensed Spectrum Sharing with Partial Information on Slow Fading Channels p. 158
Structure of Service Areas in Wireless Communication Networks p. 170
Security, Control and Signaling
Quality of Experience Enforcement in Wireless Networks p. 180
Anomaly-Based Intrusion Detection Algorithms for Wireless Networks p. 192
A Stable Linked Structure Flooding for Mobile Ad Hoc Networks with Fault Recovery p. 204
QoE Trends in Networking
Techniques for Measuring Quality of Experience p. 216
Fair Quality of Experience (QoE) Measurements Related with Networking Technologies p. 228
QoE-Oriented Performance Evaluation of Video Streaming over WiMAX p. 240
An Overview of Quality of Experience Measurement Challenges for Video Applications in IP Networks p. 252
QoE Model Driven for Network Services p. 264
Monitoring and Measurements Systems
Multivariate Fairly Normal Traffic Model for Aggregate Load in Large-Scale Data Networks p. 278
Live Traffic Monitoring with Tstat: Capabilities and Experiences p. 290
Integrated Measurement and Analysis of Peer-to-Peer Traffic p. 302
An Experimental Evaluation of Packet-Level Measurements of Hidden Traffic Load p. 315
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>0day Anomaly Detection Made Possible Thanks to Machine Learning</td>
<td>327</td>
</tr>
<tr>
<td>A Comparative Analysis of the Perceived Quality of VoIP under Various Wireless Networks</td>
<td>339</td>
</tr>
<tr>
<td>Wireless Sensor Networks</td>
<td></td>
</tr>
<tr>
<td>Optimization of Service Discovery in Wireless Sensor Networks</td>
<td>351</td>
</tr>
<tr>
<td>ILA: Idle Listening Avoidance in Scheduled Wireless Sensor Networks</td>
<td>363</td>
</tr>
<tr>
<td>An Efficient Authenticated-Encryption with Associated-Data Block Cipher Mode for Wireless Sensor Networks</td>
<td>375</td>
</tr>
<tr>
<td>Secure Overlays: Making Static Key Distribution Schemes Work with Mobile Base Stations in WSNs</td>
<td>386</td>
</tr>
<tr>
<td>Author Index</td>
<td>399</td>
</tr>
</tbody>
</table>

Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.