

Inhaltsverzeichnis

I Funknetze

Practical Rate-Based Congestion Control for Wireless Mesh Networks ...	3
<i>Sherif M. ElRakabawy, Christoph Lindemann</i>	
Paving the Way Towards Reactive Planar Spanner Construction in Wireless Networks	17
<i>Hannes Frey, Stefan Rührup</i>	
Preventing Service Discovery Cache Reply Storms in Wireless Mesh Networks	29
<i>Martin Krebs, Karl-Heinz Krempels, Markus Kucay</i>	

II Standardization and Research – How Do These Two Fit Together?

Bringing ICT Research into Standardisation - What Can Standards Bodies Do?	43
<i>Kai Jakobs</i>	

III Adaptive Systeme

Query Processing and System-Level Support for Runtime-Adaptive Sensor Networks	55
<i>Falko Dressler, Rüdiger Kapitza, Michael Daum, Moritz Strübe, Wolfgang Schröder-Preikschat, Reinhard German, Klaus Meyer-Wegener</i>	
SelfWISE: A Framework for Developing Self-Stabilizing Algorithms	67
<i>Christoph Weyer, Volker Turau</i>	
MASDynamics: Toward Systemic Modeling of Decentralized Agent Coordination	79
<i>Jan Sudeikat, Wolfgang Renz</i>	

IV Service-Oriented Computing

Leveraging the BPEL Event Model to Support QoS-aware Process Execution	93
<i>Farid Zaid, Rainer Berbner, Ralf Steinmetz</i>	

Automated Integration of Web Services in BPEL4WS Processes	105
<i>Steffen Bleul, Diana Comes, Kurt Geihs, Marc Kirchhoff</i>	
Dynamic Message Routing Using Processes	117
<i>Thorsten Scheibler, Dimka Karastoyanova, Frank Leymann</i>	
Abstract User Interfaces for Mobile Processes	129
<i>Sonja Zaplata, Ante Vilenica, Dirk Bade, Christian P. Kunze</i>	

V Leistungsbewertung

A New Service Curve Model to Deal with Non-FIFO Systems	143
<i>Jens B. Schmitt, Nicos Gollan, Ivan Martinovic</i>	
Providing Probabilistic Latency Bounds for Dynamic Publish/Subscribe Systems	155
<i>M. Adnan Tariq, Boris Koldehofe, Gerald G. Koch, Kurt Rothermel</i>	
Traffic, Structure and Locality Characteristics of the Web's Most Popular Services' Home Pages	167
<i>Joachim Charzinski</i>	
Seamless Dynamic Reconfiguration of Flow Meters: Requirements and Solutions	179
<i>Tobias Limmer, Falko Dressler</i>	

VI Sicherheit

Towards the Design of Unexploitable Construction Mechanisms for Multiple-Tree Based P2P Streaming Systems	193
<i>Michael Brinkmeier, Mathias Fischer, Sascha Grau, Guenter Schaefer</i>	
Turning the Tables: Using Wireless Communication Against an Attacker .	205
<i>Ivan Martinovic, Jens B. Schmitt</i>	
Evaluation of Attack Countermeasures to Improve the DoS Robustness of RSerPool Systems by Simulations and Measurements	217
<i>Xing Zhou, Thomas Dreibholz, Wencai Du, Erwin P. Rathgeb</i>	
Towards a Generic Backup and Recovery Infrastructure for the German D-Grid Initiative	229
<i>Markus Mathes, Steffen Heinzl, Bernd Freisleben</i>	
From Modelling to Execution of Enterprise Integration Scenarios: The GENIUS Tool	241
<i>Thorsten Scheibler, Frank Leymann</i>	

Pluggable Authorization and Distributed Enforcement with pam_xacml . .	253
<i>Andreas Klenk, Tobias Heide, Benoit Radier, Mikael Salaun, Georg Carle</i>	

VII Kurzbeiträge

Enhancing Application Layer Multicast Solutions by Wireless Underlay Support	267
<i>Christian Hübsch, Oliver P. Waldhorst</i>	
Strombasierte Struktur-Validierung von simple content in XML-Dokumenten	273
<i>Jesper Zedlitz, Norbert Luttenberger</i>	
CLIO – A Cross-Layer Information Service for Overlay Network Optimization	279
<i>Dirk Haage, Ralph Holz, Heiko Niedermayer, Pavel Laskov</i>	
Improving TCP's Robustness to Packet Reordering	285
<i>Arnd Hannemann, Alexander Zimmermann, Lennart Schulte</i>	
Banishing Patch-Cables from LAN Parties	291
<i>Peter Baumung</i>	
A Middleware for the Controlled Information Exchange Between Online Games and Internet Applications	297
<i>Sonja Bergsträsser, Tomas Hildebrandt, Christoph Rensing, Ralf Steinmetz</i>	
Re-sequencing Buffer Occupancy of a Concurrent Multipath Transmission Mechanism for Transport System Virtualization	303
<i>Kurt Tutschku, Thomas Zinner, Akihiro Nakao, Phuoc Tran-Gia</i>	
Designing a Decentralized Traffic Information System – AutoNomos	309
<i>Axel Wegener, Horst Hellbrück, Stefan Fischer, Björn Hendriks, Christiane Schmidt, Sándor P. Fekete</i>	

VIII Preisträger

UMTS Radio Network Planning: Mastering Cell Coupling for Capacity Optimization	319
<i>Hans-Florian Geerdes</i>	
Stochastic Packet Loss Model to Evaluate QoE Impairments	320
<i>Oliver Hohlfeld</i>	

Unsynchronized Energy-Efficient Medium Access Control and Routing
in Wireless Sensor Networks 321
Philipp Hurni

Novel Network Architecture for Optical Burst Transport 322
Christoph M. Gauger

Lightweight Authentication for HIP 323
Tobias Heer

Author Index 325