**17th International GI/ITG Conference on** “**Measurement, Modelling and Evaluation of Computing Systems” and “Dependability and Fault-Tolerance”  
MMB & DFT 2014**

***Program*March 17-19, 2014  
Bamberg, Germany**

Editor: Udo Krieger

Date: 17.12.13 – 3. Draft

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| Time | Monday, March 17, 2014 | | |
| 13:00-13:15 | Opening Session | | |
| 13:15 -  14:15 | Invited Lecture | Søren Asmussen, Aarhus University, Denmark:  Probabilistic analysis of the RESTART protocol and checkpointing in computer reliability | Score |
| 14:15 – 14:45 | Coffee Break | | |
| 14:45 -  16:15 | Session 1:  Chair: Traffic Model-ing, Inference and Estimation (20 min/talk) | |  |  | | --- | --- | |  |  |   26 Jan Kriege and Peter Buchholz: PH and MAP Fitting with Aggregated Traffic Traces | Accept/  Reject 1.6 |
| |  |  | | --- | --- | |  |  |   8 Natalia Markovich and Udo Krieger: Modeling of Loss Processes Arising from Packet Flows at Bottleneck Links | Accept/Reject  1.7 |
| |  | | --- | | 16 Julius Flohr and Joachim Charzinski: A Comparative Study of Traffic Properties for Web Pages Optimized for Mobile Hand-Held and Non-Mobile Devices | | Accept/Reject  0.6 |
| 16:15 – 16:45 | Coffee Break | | |
| 16:45 – 17:30 | Session 2:  Chair: Modeling and Analysis Techniques (20 min/talk) | 23 Rüdiger Berndt, Peter Bazan, Kai-Steffen Hielscher and Reinhard German: *Construction Methods for MDD-based State Space Representations of Unstructured Systems* | Accept/Reject  0.5 |
| 5 Joost-Pieter Katoen, Thomas Noll, Thomas Santen, Dirk Seifert and Hao Wu: *Performance Analysis of Computing Servers - a case study exploiting a new GSPN semantics* | Accept/Reject  0.3 |
|  | Accept/Reject |
| 17:30 – 19:00 | Optional: Social Impact | Short City Tour 1 | Accept/Reject |
| 17:45 – 19:00 | Optional: | MMB Meeting of Members |  |
| 19:00-21:00 | Social Impact | Get-Together ERBA [or University Aula ] |  |

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| Time | Tuesday, March 18, 2014 | | |
| 9:00 -  10:10 | Session 3:  Chair: Wireless Networks (20 min/talk) | 3 Ruslan Krenzler and Hans Daduna: *Modeling and Performance Analysis of a Node in Delay Tolerant Wireless Sensor Networks* | Accept/  Reject  1.3 |
| 11 Andreas Dittrich, Björn Lichtblau, Rafael Ribeiro Rezende and Miroslaw Malek: Modeling Responsiveness of Decentralized Service Discovery in Wireless Mesh Networks | Accept/Reject  1.0 |
| 7 Philipp Eittenberger and Udo Krieger: Performance Evaluation of Forward-Error Correction Mechanisms For Android Devices Based on Raptor Codes | Accept/  Reject  1.7 |
| 10:10 – 10:40 | Coffee Break | | |
| 10:40 -  12:15 | Session 4:  Chair: Monitoring and Analysis of Protocols and Service Architectures (25 min/talk | |  |  | | --- | --- | |  |  |   21 Gerhard Hasslinger and Konstantinos Ntougias: Evaluation of Caching Strategies based on Access Statistics on Past Requests | Accept/  Reject  0.5 |
| 24 [Tobias Hoßfeld](http://www.t-hossfeld.de), Raimund Schatz and Udo Krieger: QoE of YouTube Video Streaming for Current Internet Transport Protocols | Accept/  Reject  1.7 |
| 20 Valentin Burger, Matthias Hirth, Christian Schwartz and Tobias Hoßfeld: Increasing the Coverage of Vantage Points in Distributed Active Network Measurements by Crowdsourcing | Accept/  Reject  0.0 |
| 19 Patrick Zwickl, Peter Reichl and [Andreas Sackl](http://www.ftw.at): The 15 Commandments of Market Entrance Pricing for Differentiated Network Services | Accept/  Reject  0.0 |
| 12:15 – 13:45 | Lunch Break | | |

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| Time | Tuesday, March 18, 2014 | | |
| 13:45 -  14:45 | Invited Lecture | Jim Roberts, IRT-SystemX, Paris, France:  **Be fair to flows: a fair network is attractive and trustworthy and far more than just adequate (t.b.c.)** |  |
| 14:45 – 15:15 | Coffee Break | | |
| 15:15 -  16:00 | Session 5:  Chair: Reliable Software: Analysis, and Testing (20 min/talk) | 10 Sven Kerschbaum, Kai-Steffen Hielscher, Reinhard German and Ulrich Klehmet: A Framework for Establishing Performance Guarantees in Industrial Automation Networks | Accept/  Reject  -0.1 |
| 12 [Matthias Meitner](http://www11.informatik.uni-erlangen.de) and [Francesca Saglietti](http://www11.informatik.uni-erlangen.de): Target-Specific Adaptations of Coupling-Based Software Reliability Testing | Accept/Reject  0.9 |
| 16:00 -16:30 | Coffee Break | | |
| 16:30 – 17:15 | Session 6:  Chair: Tools (15-20 min/ talk) | |  | | --- | | 14 Alexander Gouberman, Martin Riedl, [Markus Siegle](http://www.unibw.de/inf3/personen/profs/siegle) and Christophe Grand: *An IDE for the LARES toolset* | | Accept/Reject  2.0 |
| 27 Björn F. Postema, Anne Remke, Boudewijn R. Haverkort and Hamed Ghasemieh: Fluid Survival Tool: A Model Checker for Hybrid Petri nets | Accept/Reject  1.9 |
| 28 Mark Schmidt, Sebastian Veith, Michael Menth and Stephan Kehrer: *DelayLyzer: A Tool for Analyzing Delay Bounds in Industrial Ethernet Networks* | Accept/Reject  1.6 |
| 17:15 – 17:35 | Coffee Break (optional) | | |
| 17:15 – 18:45 | Optional: Social Events | Excursions, City Tour | Accept/Reject |
| 18:45 – 22:30 | Social Events | Dinner at Castle Altenburg |  |

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| Time | Wednesday, March 19, 2014: Day of Complex Network Analysis | | |
| 9:00 -  13:00 |  | Workshop FGENET2014 | Workshop SOCNET2014 |
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| 13:00 – 14:15 | Lunch Break | | |
| 14:15 – 15:00 | Session 7:  Chair: Analysis and Simulation of Energy Efficiency (20-25 min/talk) | 2 Ibrahim Alagöz, Christoffer Löffler, Vitali Schneider and Reinhard German: Simulating the energy management on smartphones using hybrid modeling techniques | Accept/  Reject  2.3 |
| |  |  | | --- | --- | | 15 Georgios Karagiannis, Giang Pham, Dung Nguyen, Geert Heijenk, Boudewijn Haverkort and Frans Campfens: Performance of LTE for Smart Grid Communications |  | | Accept/  Reject  0.9 |
| 15:00 – 15:20 | Coffee Break | | |
| 15:20 – 16:00 | Session MMB Awards 2014 | | |
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| 16:00-16:30 | Closing Session including Best Paper Award | | |