

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: 26.11.13 – 2. Draft

Time	Monday, March 17, 2014		
13:00-13:15	Opening Session		
13:15 - 14:15	Invited Lecture	Invited Lecture - Søren Asmussen: Probabilistic analysis of the RESTART protocol and checkpointing in computer reliability	Score
14:15 – 14:40	Coffee Break		
14:40 - 16:10	Session 1: Chair:	26 Jan Krieger and Peter Buchholz: PH and MAP Fitting with Aggregated Traffic Traces	Accept/ Reject 1.6
	Traffic Modeling, Inference and Estimation (20-25 min/talk)	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
16:10 – 16:40	Coffee Break		
16:40 – 17:30	Session 2: Chair:	23 Rüdiger Berndt, Peter Bazan, Kai-Steffen Hielscher and Reinhard German: <i>Construction Methods for MDD-based State Space Representations of Unstructured Systems</i>	Accept/ Reject 0.5
	Modeling and Analysis Techniques (25 min/talk)	5 Joost-Pieter Katoen, Thomas Noll, Thomas Santen, Dirk Seifert and Hao Wu: <i>Performance Analysis of Computing Servers - a case study exploiting a new GSPN semantics</i>	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]	

Time	Tuesday, March 18, 2014		
9:00 - 10:30	Session 3: Chair: Wireless Networks (25 min/talk)	3 Ruslan Krenzler and Hans Daduna: <i>Modeling and Performance Analysis of a Node in Delay Tolerant Wireless Sensor Networks</i>	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
		17 Florian Metzger, Christian Schwartz and Tobias Hoßfeld: <i>A PDP Context Load Model and Virtualization Gain for a Mobile Network's GGSN</i>	Accept/Reject 0.2
10:30 – 11:00	Coffee Break		
11:00 - 12:30	Session 4: Chair: Monitoring and Analysis of Protocols and Service Architectures (25 min/talk)	7 Philipp Eittenberger and Udo Krieger: Performance Evaluation of Forward-Error Correction Mechanisms For Android Devices Based on Raptor Codes	Accept/Reject 1.7
		21 Gerhard Hasslinger and Konstantinos Ntougias: Evaluation of Caching Strategies based on Access Statistics on Past Requests	Accept/Reject 0.5
		24 Tobias Hoßfeld , 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 : The 15 Commandments of Market Entrance Pricing for Differentiated Network Services	Accept/ Reject 0.0
12:30 – 13:30	Lunch Break		

Time	Tuesday, March 18, 2014		
13:30 - 14:30	Invited Lecture	Invited Lecture - Pickavet: Green ICT etc.	
14:30 – 14:45	Coffee Break		
14:45 - 16:15	Session 5: Chair: Reliable Software: Analysis, and Testing (25 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 and Francesca Saglietti : Target-Specific Adaptations of Coupling-Based Software Reliability Testing	Accept/ Reject 0.9
		14 Alexander Gouberman, Martin Riedl, Markus Siegle and Christophe Grand: <i>An IDE for the LARES toolset</i>	Accept/ Reject 2.0
16:15 - 16:30	Coffee Break		
16:30 – 17:10	Session 6: Chair: Tools (20 min/ talk)		Accept/ Reject
		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 Kehr: <i>DelayLyzer: A Tool for Analyzing Delay Bounds in Industrial Ethernet Networks</i>	Accept/ Reject 1.6
17:10 – 17:20	Coffee Break		
17:20 – 18:30	Optional: Social Events	Excursions, City Tour	Accept/ Reject
18:45 – 22:30	Social Events	Dinner at Castle Altenburg	

Time	Wednesday, March 19, 2014: Day of Complex Network Analysis		
9:00 - 12:30		Workshop FGENET2014	Workshop SOCNET2014
12:30 – 13:30	Lunch Break		
13:30 – 14:30	Session 7: Chair: Analysis and Simulation of Energy Efficiency (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
14:30 – 14:50	Coffee Break		
14:50 – 15:30	Session MMB Awards 2014		
15:30-16:00	Closing Session including Best Paper Award		