

4th International Workshop on Self-Organizing Networks **IWSON**

Tuesday, August 26th, 2014, Barcelona



<http://www.iswcs2014.org/workshops.html>

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- 8:00 – 9:15 **Registration**
- 9:15 – 9:30 **Opening and welcome**
- 9:30 – 10:30 **Session I: SON Management (Chair: Fredrik Gunnarsson, Ericsson)**
- *Managing and Altering Mobile Radio Networks by Using SON Function Performance Models (# 111)*; Sören Hahn, Thomas Kürner (Technische Universität Braunschweig, Germany)
 - *SON Management based on Weighted Objectives and Combined SON Function Models (# 90)*; Christoph Frenzel, Simon Lohmüller (University of Augsburg, Germany); Lars Christoph Schmelz (Nokia, Germany)
- 10:30 – 11:10 **Coffee Break**
(option to build up demonstrators)
- 11:10 – 12:40 **Session II: Radio SON Functions – Performance Evaluation (Chair: Markus Gruber, Alcatel-Lucent)**
- *Performance Evaluation & SON Aspects of Vertical Sectorisation in a Realistic LTE Network Environment (# 84)*; Konstantinos Trichias, Remco Litjens (TNO, The Netherlands); Zwi Altman, Abdoulaye Tall (Orange Labs, France); Pradeepa Ramachandra (Ericsson, Sweden)
 - *Performance of SON for RSRP-based LTE/WLAN access network selection (# 171)*; István Z. Kovács, Daniela Laselva, Per Henrik Michaelsen (Nokia, Denmark); Yu Wang (Ericsson, Sweden); Relja Djapic (TNO, The Netherlands); Kathleen Spaey (iMinds / University of Antwerp, Belgium)
 - *Performance of WLAN RSS-based SON for LTE/WLAN access network selection (# 209)*; Andreas Bergström, Yu Wang (Ericsson, Sweden); Relja Djapic (TNO, The Netherlands); István Z. Kovács, Daniela Laselva (Nokia, Denmark); Kathleen Spaey, Bart Sas (iMinds / University of Antwerp, Belgium)
- 12:40 – 14:20 **Lunch Break – Demonstrator Session**
- *Demonstrator: An Experimental System for SON Verification (# 160)*; Tsvetko Tsvetkov, Georg Carle (Technische Universität München, Germany); Henning Sanneck (Nokia, Germany)
 - *Demonstrator for Objective Driven SON Operation (# 227)*; Lars Christoph Schmelz, Andreas Lobinger (Nokia, Germany); Andreas Eisenblätter, Ulrich Türke (atesio GmbH, Berlin, Germany); Sören Hahn, Thomas Kürner (Technische Universität Braunschweig, Germany); Remco Litjens (TNO, The Netherlands); Simon Lohmüller (University of Augsburg, Germany); Bart Sas (iMinds / University of Antwerp, Belgium)
 - *Demonstrator: SONVer: SON Verification for Operational Cellular Networks (# 270)*; Gabriela F. Ciocarlie, Chih-Chieh Cheng, Christopher Connolly, Ulf Lindqvist, Kenneth Nitz (SRI International, USA); Szabolcs Nováczki (Nokia, Hungary); Henning Sanneck, Muhammad Naseer-ul-Islam (Nokia, Germany)
- 14:20 – 15:20 **Session III: SON Anomaly Detection & Verification
(Chair: Thomas Kürner, Technische Universität Braunschweig)**
- *Managing Scope Changes for Cellular Network-level Anomaly Detection (# 176)*; Gabriela F. Ciocarlie, Chih-Chieh Cheng, Christopher Connolly, Ulf Lindqvist, (SRI International, USA); Szabolcs Nováczki (Nokia, Hungary); Henning Sanneck, Muhammad Naseer-ul-Islam (Nokia, Germany)

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- *A Configuration Management Assessment Method for SON Verification (# 177)*; Tsvetko Tsvetkov, Georg Carle (Technische Universität München, Germany); Szabolcs Nováczki (Nokia, Hungary); Henning Sanneck (Nokia, Germany)

15:20 – 16:00 **Coffee Break – Demonstrator Session**

16:00 – 17:00 **Session IV: SON Design Principles and the Step Beyond SON (Chair: Zwi Altman, Orange Labs)**

- *On Design Principles for Self-Organizing Network Functions (# 208)*; Kristina Zetterberg, Fredrik Gunnarsson, Mehdi Amirijoo (Ericsson, Sweden); Bart Sas, Kathleen Spaey (iMinds / University of Antwerp, Belgium); Zwi Altman, Abdoulaye Tall (Orange Labs, France); Hans van den Berg (TNO, The Netherlands); Daniela Laselva, István Z. Kovács (Nokia, Denmark); Hendrik Hoffmann (Technische Universität Braunschweig, Germany)
- *Autonomics and SDN for Self-Organizing Networks (# 353)*; Giorgos Poullos, Kostas Tsagkaris, Panagiotis Demestichas (University of Piraeus, Greece); Abdoulaye Tall, Zwi Altman, Christian Destré (Orange Labs, France)

17:00 – 17:30 **Wrap-up and Closing**

Note:

The workshop takes place at the Hotel SB Icària, Avinguda d'Icària 195, Barcelona, Spain, Room MAR BELLA

The workshop schedule and the sequence of presentations may be subject to change due to organizational issues

Please register here: <http://www.iswcs2014.org/registration.html> (reduced rate till July 14th, 2014)

Workshop Organizers:

Prof. Dr. Fredrik Gunnarsson, Ericsson Research, Linköping, Sweden

Prof. Dr. Thomas Kürner, Technische Universität Braunschweig, Germany

Lars Christoph Schmelz, Nokia, Munich, Germany

Dr. Zwi Altman, Orange Labs, Paris, France

Dr. Markus Gruber, Alcatel-Lucent Bell Labs, Germany

Dr. Kostas Tsagkaris, University of Piraeus, Greece

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