

**IEEE LANMAN 2013  
Technical Program**

**Wednesday      April 10, 2013**

12:00pm - 1:30pm	Registration with Refreshments
1:45pm - 3:00pm	Keynote I: <a href="#">Marc Vancoppenolle</a>
3:00pm - 3:30pm	Coffee Break
3:30pm - 5:15pm	<p><b>Session 1: High-Speed and Optical Networking</b> Session Chair: <i>Walter Colitti, Vrije Universiteit Brussel, Belgium</i></p> <ul style="list-style-type: none"><li>● <i>Toward Predictable Performance in Decision Tree based Packet Classification Algorithms (INVITED)</i> Peng He, Gaogang Xie, Laurent Mathy, and Kave´ Salamatian</li><li>● <i>On the Quality of Selfish Virtual Topology Reconfiguration in IP-over-WDM Networks</i> Philip Wette and Holger Karl (University of Paderborn)</li><li>● <i>CAPEX Optimized Routing for Scheduled Traffic in Multi-layer Optical Networks</i> Hui Ding (State Key Lab. of Information Photonics and Optical Communications, Beijing Univeristy of Posts and Telecommunications) and Pan Yi and Byrav Ramamurthy (Department of Computer Science and Engineering, University of Nebraska Lincoln)</li><li>● <i>Performance Optimization with Receiver Collisions Avoidance Protocol Analysis for WDM Networks (SHORT)</i> Baziana Peristera and Pountourakis Ioannis (National Technical University of Athens)</li></ul>
6:30pm - 9:00pm	Reception at Royal Music Conservatory of Brussels

Thursday

April 11, 2013

8:30am - 11:00am	Registration
8:45am - 10:00am	Keynote II: <a href="#">Prof. Olivier Bonaventure</a>
10:00am - 10:30am	Coffee Break
10:30am - 12:15pm	<p><b>Session 2: Management</b> Session Chair: <i>Byrav Ramamurthy, University of Nebraska, Lincoln, USA</i></p> <ul style="list-style-type: none"><li>• <i>DistBack: A Low-Overhead Distributed Back-Up Architecture with Snapshot Support (INVITED)</i> Thomas Mager and Ernst Biersack (Eurecom)</li><li>• <i>Empirical Evaluation of Energy Saving Margins in Backbone Networks (INVITED)</i> Paris Charalampou (National Technical University of Athens), Anastasios Zafeiropoulos, Constantinos Vassilakis, Chrysostomos Tziouvaras, and Vasiliki Giannikopoulou (Greek Research &amp; Technology Network), and Nikolaos Laoutaris (Telefónica I+D, S.A.U.)</li><li>• <i>Real-Time Traffic Classification Based on Statistical Tests for Matching Signatures with Packet Length Distributions</i> Miguel Neto, Joao V. Gomes, Mario M. Freire, and Pedro R. M. Inacio (University of Beira Interior)</li><li>• <i>QoS level Estimation for Web Service Composition in an Environmental Assessment System (SHORT)</i> Nguyen The Cuong, Niccolò De Caro, Federico Domínguez, Kris Steenhaut, and Abdellah Touhafi (Vrije Universiteit Brussel – Erasmushogeschool Brussel)</li></ul>
12:15pm - 1:30pm	Lunch
1:30pm - 3:00pm	<p><b>Session 3: Wireless and Applications</b> Session Chair: <i>Leo van Biesen, Vrije Universiteit Brussel, Belgium</i></p> <ul style="list-style-type: none"><li>• <i>Application of Entropy of Centrality Measures to Routing in Tactical Wireless Networks (INVITED)</i> Vanniarajan Chellappan and Krishna M. Sivalingam (Indian Institute of Technology Madras)</li></ul>

	<ul style="list-style-type: none"> <li>• <i>A Markovian Model for Assessing the Consistency of Vehicular Storage Systems</i> Mauro Femminella and Gianluca Reali (University of Perugia, DIEI) and Walter Colitti and Kris Steenhaut (Vrije Universiteit Brussel, ETRO)</li> <li>• <i>Networks as a Tool to Save Energy While Keeping Up General User Comfort in Buildings</i> Yann-Michaël De Hauwere and Kristof Van Moffaert (Vrije Universiteit Brussel), Paul-Armand Verhaegen (Katholieke Universiteit Leuven), and Ann Nowé (Vrije Universiteit Brussel)</li> </ul>
3:00pm - 3:30pm	Coffee Break
3:30pm - 5:15pm	<p><b>Session 4: Datacenter and Flow Networking</b> Session Chair: <i>Virgil Dobrota, Technical University of Cluj-Napoca, Romania</i></p> <ul style="list-style-type: none"> <li>• <i>Greening Data Center Networks with Flow Preemption and Energy-aware Routing (INVITED)</i> Yunfei Shang, Dan Li, and Mingwei Xu (Tsinghua University)</li> <li>• <i>Optimizing Data Center Traffic of Online Social Networks</i> Lei Jiao (University of Goettingen, Germany), Jun Li (University of Oregon, USA), and Xiaoming Fu (University of Goettingen, Germany)</li> <li>• <i>Automatic Bootstrapping of OpenFlow Networks</i> Sachin Sharma, Dimitri Staessens, Didier Colle, Mario Pickavet, and Piet Demeester (Ghent University)</li> <li>• <i>QoE-aware Resource Provisioning and Adaptation in IMS-based IPTV Using OpenFlow (SHORT)</i> Thu-Huong Truong, Nguyen Huu Thanh, and Nguyen Tai Hung (Hanoi University of Science and Technology), Julius Mueller (Technical University Berlin), and Thomas Magedanz (Fraunhofer FOKUS Institute Berlin)</li> </ul>
6:30pm - 9:00pm	Workshop Dinner

Friday

April 12, 2013

8:30am - 11:00am	Registration
8:45am - 10:00am	Keynote III: <a href="#">Prof. Gianluigi Ferrari</a>
10:00am - 10:30am	Coffee Break
10:30am - 12:15pm	<b>Session 5: Sensor Networks</b> Session Chair: <i>Jacques Tiberghien, Vrije Universiteit Brussel, Belgium</i> <ul style="list-style-type: none"><li>• <i>Advanced Caching for Distributing Sensor Data Through Programmable Nodes (INVITED)</i> Mauro Femminella, Gianluca Reali, and Dario Valocchi (University of Perugia) and Roberto Francescangeli and Henning Schulzrinne (Columbia University)</li><li>• <i>LuxTraffic: A Collaborative Traffic Sensing System</i> Aleksandrina Kovacheva, Raphael Frank, and Thomas Engel (University of Luxembourg)</li><li>• <i>Low-Overhead Time Synchronization for Schedule-Based Multi-Channel Wireless Sensor Networks</i> Kieu-Ha Phung (Vrije Universiteit Brussel), Huy Tran (Hanoi University of Science and Technology), Jelmer Tiete and Kris Steenhaut (Vrije Universiteit Brussel), and Lan Tran (Hanoi University of Science and Technology)</li><li>• <i>Reliable and Energy Efficient Cluster-based and Event-driven Routing Scheme for Wireless Sensor Networks (SHORT)</i> Thu Ngo-Quynh, Kieu Ha Phung, and Huy Cong Nguyen (Hanoi University of Science and Technology)</li></ul>
12:15pm - 1:30pm	Lunch
1:30pm - 3:00pm	Panel
3:00pm - 3:30pm	Coffee Break
3:30pm - 5:00pm	<b>Session 6: Security and WiFi</b> Session Chair: <i>Nicola Laurenti, University of Padova, Italy</i> <ul style="list-style-type: none"><li>• <i>Wireless Multi-hop Networks Beyond Capacity (INVITED)</i> Adel Aziz (EPFL), Vsevolod (Seva) Shneer (HWU), and Patrick Thiran (EPFL)</li></ul>

	<ul style="list-style-type: none"><li>• <i>Random Backoff Control to Thwart Malicious Behavior in WLANs</i> Youssef El Hajj Shehadeh and Mohamad Hotait (University of Goettingen), Kifah Tout (EDST, Lebanon), and Dieter Hogrefe (University of Goettingen)</li><li>• <i>On the Security of WLAN Access Points Integrated in 4G/LTE Architectures (INVITED)</i> Naim Qachri and Jean-Michel Dricot (Université Libre de Bruxelles)</li></ul>
5:00pm - 5:15pm	Closing Remarks