Message from the Demonstrations Chair

It is my pleasure to welcome you to the third session on Demonstration of the IEEE Conference on Local Computer Networks (LCN). After successful demo sessions at the previous two IEEE LCN conferences, it was but natural that a call for demonstrations was launched again. We were looking for demonstrations for all topics covered by the main conference as well as all the workshops held in conjunction with the conference. The technical demonstrations were strongly encouraged to show innovative and original research. The main purpose of the demo session is to provide demonstrations that validate important research issues and/or show innovative prototypes.

For demonstration at the conference out of eighteen submitted proposals the following fifteen were selected based on the reviews of the Demo Board. Among the accepted demonstrations there are both demonstrations from authors who have an accepted IEEE LCN or workshop paper, as well as individual demo submissions without any published paper at IEEE LCN.

Overall, it was a pleasure reading all the proposals. I am pretty sure that we all will enjoy the demo session again and see some cool, fancy, and timely demonstrations. Furthermore, I hope that the demonstrations will promote further research in all the different topics covered.

I would like to thank the people joining the Demo Board and providing scores and comments for each of the proposals.

Salil Kanhere  
The University of New South Wales, Sydney, Australia

Demo Board

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<tr>
<th>Name</th>
<th>Institution</th>
<th>Country</th>
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<td>Karl Andersson</td>
<td>Luleå University of Technology</td>
<td>Sweden</td>
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<td>Stefan Aust</td>
<td>NEC Communication Systems, Ltd.</td>
<td>Japan</td>
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<td>Jason But</td>
<td>Swinburne University</td>
<td>Australia</td>
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<td>Jérôme François</td>
<td>University of Luxembourg</td>
<td>Luxemburg</td>
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<td>Matthias Hollick</td>
<td>Technische Universität Darmstadt</td>
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<td>Wen Hu</td>
<td>CSIRO</td>
<td>Australia</td>
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<td>Satoko Itaya</td>
<td>NEC Corporation</td>
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<td>Sofiene Jelassi</td>
<td>INRIA Rennes - Bretagne Atlantique</td>
<td>France</td>
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<td>Salil Kanhere</td>
<td>University of New South Wales</td>
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<td>Tim Strayer</td>
<td>BBN Technologies</td>
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<td>Damla Turgut</td>
<td>University of Central Florida</td>
<td>USA</td>
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<td>Marco Zuniga</td>
<td>University Of Duisburg-Essen</td>
<td>Germany</td>
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List of Presented Demonstrations

The Tube.zero Deployment Support System  
Andreas Reinhardt, Parag Mogre, Paul Baumann, Johannes Schmitt, Ralf Steinmetz - Technische Universität Darmstadt, Germany
A Small Data Center Network of ARP-Path Bridges Made of Openflow Switches
Guillermo Ibez - Universidad de Alcal, Spain; Jad Naous - MIT, USA; Elisa Rojas, Diego Rivera - Universidad de Alcal, Spain; Bart De Schuymer - Art in Algorithms, Belgium; Thomas Dietz - NEC Europe, Germany

MARWIS - a Management Architecture for Heterogeneous Wireless Sensor Network
Gerald Wagenknecht, Markus Anwander, Torsten Ingo Braun - University of Bern, Switzerland

Future Internet Autonomic Management Using NetServ
Mauro Femminella, Roberto Francescangeli, Gianluca Reali - University of Perugia, Italy; Jae Woo Lee, Wonsang Song, Henning Schulzrinne - Columbia University, USA

Hard Real-Time Wireless Medium Access in Action: Stop the Guillotine Within a Millisecond!
Christian Dombrowski, James Gross - RWTH Aachen University, Germany

Transparent Conferencing Without Central Control - Demonstration of the DisCo Approach in P2PSIP
Alexander Knauf, Gabriel Hege, Thomas Schmidt - Hamburg University of Applied Sciences Germany; Matthias Wählisch - Freie Universität Berlin, Germany; Lothar Grimm, Thomas Kluge, Peter Pogrzeba - Deutsche Telekom, Germany

A Showcase on Usage and Monitoring of the HAMcast-Architecture for Universal Multicast
Sebastian Meiling, Dominik Charousset, Thomas C. Schmidt - Hamburg University of Applied Sciences, Germany; Matthias Wählisch - Freie Universität Berlin, Germany

Z-Monitor: A Monitoring Software for IEEE 802.15.4 Wireless Sensor Networks
Olfa Gaddour - National School of Engineers of Sfax, Tunisia; Anis Koubâ - Al-Imam Mohamed bin Saud University, Saudi Arabia; Rihab Chaari - National School of Engineers of Sfax, Tunisia; Fernando Royo - University of Castilla-La Mancha, Spain; Nada Al-Elaiwi, Hanan Al-Soli - Al-Imam Mohamed bin Saud University, Saudi Arabia; Stefano Tennina - Polytechnic Institute of Porto, Portugal; Hichem Boujelben - National School of Engineers of Sfax, Tunisia

Demonstration of the Sensor Data Transmission and Management Protocol (STMP)
Nils Aschenbruck, Christoph Fuchs, Sascha Jopen, Tim Schneider - University of Bonn, Germany

WSNLab - A Security Testbed and Security Architecture for WSNs
Nils Aschenbruck, Jan Bauer, Jakob Bieling, Alexander Bothe, Matthias Schwamborn - University of Bonn, Germany

An Experimental Architecture of IP-based Network Control of Laser Show Projection Systems
Matthias Frank - University of Bonn, Germany

Mobile P2P Trusted On-Demand Video Streaming
Thava Iyer - NICTA, Australia; Robert Hsieh - Institute for Infocomm Research, Singapore; Nikzad Babaii - University of Sydney, Australia; Benoy Varghese, Roksana Boreli - National ICT Australia, Australia

Deployment of CoAP in Transport Logistics
Markus Becker, Thomas Ptusch, Koojana Kuladinithi, Carmelita Goerg - University of Bremen, Germany

Automatic Analysis and Classification of Multiple Origin Autonomous System Conflicts
Uli Alexander Bornhauser, Jan Luehr, Michael Schaefer, Thomas Trimborn, Zia Ul Huda - University of Bonn, Germany
Efficient Real-Time Monitoring of Multimodal Transports with Wireless Sensor Networks
Sebastian Zöller, Markus Wachtel, Melanie Siebenhaar, Ralf Steinmetz - Technische Universität Darmstadt, Germany

The proposals accepted are available at: http://www.ieelcn.org/demos2011/