

WMAN 2007 – 4th Workshop on Mobile Ad-Hoc Networks



Final Program

(as of February 21, 2007)

<http://wman2007.cs.bonn.edu/>

Thursday, 1.3.2007 – Room 501 “Kuppelraum”

14.00 Welcome and Opening Words

14.10 – 15.05 Session 1: Routing

- Anna Egorova-Förster, Amy Murphy: *A Feedback-Enhanced Learning Approach for Routing in WSN*
- Markus Waelchli, Thomas Bernoulli, Torsten Braun: *Receiver-based Backbone Construction and Maintenance for Wireless Sensor or Multi-Hop Networks*

15.05 – 16.00 Session 2: Modeling and Experiments

- Parag Mogre, Matthias Hollick, Nico d’Heureuse, Hans Werner Heckel, Tronje Krop, Ralf Steinmetz: *A Graph-based Simple Mobility Model*
- Svilen Ivanov, Andre Herms, Georg Lukas: *Experimental Validation of the ns-2 Wireless Model using Simulation, Emulation, and Real Network*

16.00 – 16.30 Coffee Break

16.30 – 17.30 Session 3: Security

- Axel Poschmann, Dirk Westhoff, Andre Weimerskirch: *Dynamic Code Update for the Efficient Usage of Security Components in WSNs*
- Bjoern Saballus, Sebastian Wallner, Markus Volkmer: *Secure Group Communication in Ad-Hoc Networks using Tree Parity Machines*

17.30 – 18.00 Open Discussion

19.00 Evening event: details will be announced at the workshop.

Friday, 2.3.2007 – Room 501 “Kuppelraum”

9.00 – 9.50 Keynote Presentation

- Hannes Hartenstein: *Vehicular networks: collisions, congestion and the Internet*

9.50 – 10.45 Session 4: Positioning

- Frank Kargl, Boto Bako, Elmar Schoch, Sergey Chapkin: *(Ab-)Using DSR Route Information for Node Localization in MANETs*
- Thomas Haenselmann, Marcel Busse, Thomas King, Wolfgang Effelsberg: *Unequal Weighting for Precise Positioning in GPS-less Sensor Networks*

10.45 – 11.15 Coffee Break

11.15 – 12.35 Session 5: Vehicular Networks

- Wolfgang Kiess, Jędrzej Rybicki, Martin Mauve: *On the Nature of Inter-Vehicle Communication*
- Stephan Eichler, Christoph Schroth: *A Multi-Layer Approach for Improving the Scalability of Vehicular Ad-Hoc Networks*
- Frederik Armknecht, Andreas Festag, Dirk Westhoff, Ke Zeng: *Cross-layer Privacy Enhancement and Non-repudiation in Vehicular Communication*

12.35 – 12.45 Closing Discussion and Farewell

12.45 End of Workshop