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# Communication Technologies for Vehicles

Third International Workshop, Nets4Cars/Nets4Trains 2011  
Oberpfaffenhofen, Germany, March 23-24, 2011  
Proceedings



Springer

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# Preface

The Communication Technologies for Vehicles workshop series provides an international forum on latest technologies and research in the field of intra- and inter-vehicle communications in which to present original research results in all areas relating to communication protocols and standards, mobility and traffic models, experimental and field operational testing, and performance analysis.

Previous Nets4Cars workshops were held in Saint Petersburg, Russia (2009) and in Newcastle, UK (2010). These proceedings contain the papers presented at the Third International Workshop on Communication Technologies for Vehicles (Nets4Cars and Nets4Trains 2011), which for the first time had dedicated tracks for road- and rail-based approaches and took place in Oberpfaffenhofen near Munich, Germany, in March 2011.

Our call for papers resulted in 34 submissions, 13 for the rail track and 21 for the road track. Each of them was assigned to at least four members of our outstanding Technical Program Committee with specific expertise in the field. After a double-blind review process in just 2 weeks and some online discussion on boundary cases, the Program Committee Co-chairs selected 19 full papers for publication in these proceedings and presentation at the workshop, 7 of them for the rail track and 12 for the road track. In addition, one invited paper was accepted from a strong industrial stakeholder in the rail track who also gave the keynote. The order of the papers in these proceedings was aligned with the workshop program.

We extend a sincere “thank you” to all the authors who submitted papers of their most recent work, to all the members of our hard-working comprehensive Technical Program Committee, as well as the thoughtful external reviewers.

March 2011

Thomas Strang and Andreas Festag,  
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*Rail Track Chair*  
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