Preface

The Communication Technologies for Vehicles Workshop series provides an international forum on the latest technologies and research in the field of intra- and inter-vehicles communications and is organized annually to present original research results in all areas related to physical layer, communication protocols and standards, mobility and traffic models, experimental and field operational testing, and performance analysis.

First launched by Tsutomu Tsuboi, Alexey Vinel, and Fei Liu in Saint Petersburg, Russia (2009), Nets4Cars-Nets4Trains workshops have been held in Newcastle-upon-Tyne, UK (2010), Oberpfaffenhofen, Germany (2011), and Vilnius, Lithuania (2012). These proceedings contain the papers presented at the 5th International Workshop on Communication Technologies for vehicles (Nets4Cars and Nets4Trains 2013), which had dedicated tracks for road-and-rail-based approaches and took place in Villeneuve d’Ascq, at IFSTTAR, France, in May 2013, with the technical support of GRRT (Groupement regional recherché Transport) and CISIT (International Campus on Safety and Intermodality in Transportation).

Our call for papers resulted in 24 submissions. Each of them was assigned to the Technical Program Committee members and 17 submissions were accepted for publications (12 for the road track and 5 for the rail track). Each accepted paper got at least two independent reviews. In addition, three invited papers were accepted. The order of the papers in these proceedings corresponds to the workshop program.

We extend a sincere “thank you” to all the authors who submitted the results of their recent work, to all the members of our hard-working comprehensive Technical Program Committee, as well as the thoughtful external reviewers. Also, we extend a special “thank you” to Yann Cocheril for the preparation of the proceedings and the website. We invite all the experts in the field to join us in Offenburg, Germany, for Nets4Cars-Nets4Trains 2014.

May 2013

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