

# 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. It 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 among others.

First launched by Tsutomu Tsuboi, Alexey Vinel, and Fei Liu in Saint Petersburg, Russia (2009), the Nets4Workshops series (Nets4Cars/Nets4Trains/Nets4Aircraft) have been held in Newcastleupon-Tyne, UK (2010), Oberpfaffenhofen, Germany (2011), Vilnius, Lithuania (2012), Villeneuve d’Ascq, France (2013), Offenburg, Germany (2014 Spring), Saint Petersburg, Russia (2014 Fall), Sousse, Tunisia (2015 Spring), Munich, Germany (2015 Fall), San Sebastian, Spain (2016 Spring), and Halmstad, Sweden (2016 Fall).

These proceedings contain the papers presented at the 12th International Workshop on Communication Technologies for Vehicles Nets4Workshops series (Nets4Cars/Nets4Trains/Nets4Aircraft 2017), which took place in Toulouse, France, in May 2017, organized by ENAC (French Civil Aviation University) with the technical support of IFSTTAR, France, and Halmstad University, Sweden.

The call for papers resulted in 16 submissions. Each of them was assigned to the international Technical Program Committee to be reviewed at least by two independent reviewers. The co-chairs of the three Technical Program Committees (Nets4Cars, Nets4Trains, and Nets4Aircraft) selected 12 full papers for publication in these proceedings and presentation at the workshop, four of them for Nets4Cars, seven for Nets4Trains, and four for Nets4Aircraft. In addition, two demonstration papers were also accepted. The order of the papers presented in these proceedings was aligned with the workshop program.

The general co-chairs and the Technical Program Committee co-chairs extend a sincere “thank you” to all the authors who submitted the results of their recent research as well as to all the members of the hard-working comprehensive Technical Program Committee that worked on the reviews.

March 2017

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<http://www.springer.com/978-3-319-56879-9>

Communication Technologies for Vehicles  
12th International Workshop,  
Nets4Cars/Nets4Trains/Nets4Aircraft 2017, Toulouse,  
France, May 4-5, 2017, Proceedings  
Pirovano, A.; Berbineau, M.; Vinel, A.; Guerber, C.;  
Roque, D.; Mendizabal, J.; Bonneville, H.; Aniss, H.;  
Ducourthial, B. (Eds.)  
2017, X, 143 p. 92 illus., Softcover  
ISBN: 978-3-319-56879-9