

Preface

In the coming era of the Internet of Things, the Internet of Vehicles (IOV) plays an important role for constructing a smart city. It is a complex integrated network system, which connects different people within automotives, different automotives, and different environment entries in cities. IOV is different from telematics, vehicle ad hoc networks, and intelligent transportation, in which vehicles like phones can run within the whole network, and obtain various services by swarm intelligent computing with people, vehicles, and environments.

This volume contains the proceedings of the 4th International Conference on Internet of Vehicles (IOV 2017), which was held in Kanazawa, Japan, during November 22–25, 2017. We accepted a total of 19 high-quality papers from 40 submissions. IOV 2017 intended to play an important role for researchers and industry practitioners to exchange information regarding advancements in the state of art and practice of IOV architectures, protocols, services, and applications, as well as to identify emerging research topics and define the future directions of IOV. We believe that this volume not only presents novel and interesting ideas but will also stimulate interesting discussions from the participants and inspire new ideas.

The organization of conferences is hard work. It would not have been possible without the exceptional commitment of many expert volunteers. We would like to take this opportunity to extend our sincere thanks to all the authors, keynote speakers, TPC members, and reviewers. Special thanks go to the entire Local Arrangements Committee for their help in making the conference a success. We would also like to express our gratitude to all the organizations that supported our efforts to bring the conference to fruition. We are grateful to Springer for publishing the proceedings.

Last but not least, we hope that the participants not only enjoyed the technical program during this prestigious conference but also discovered many historical attractions in Kanazawa, in particular Kenrokuen Garden, one of Japan's "three best landscape gardens" to make their stay unforgettable. We wish you fruitful and enjoyable reading!

November 2017

Sheng-Lung Peng
Reinhard Klette
Ching-Hsien Hsu
Guanling Lee

Internet of Vehicles. Technologies and Services for
Smart Cities

4th International Conference, IOV 2017, Kanazawa,
Japan, November 22-25, 2017, Proceedings

Peng, S.-L.; Lee, G.-L.; Klette, R.; Hsu, C.-H. (Eds.)

2017, XII, 225 p. 115 illus., Softcover

ISBN: 978-3-319-72328-0