

Special Issue

Intelligent Vehicular Network and Communication Systems

Message from the Guest Editors

The wireless technologies for V2X communications have evolved from Wi-Fi-based vehicular ad hoc network (VANET) to dedicated short-range communications (DSRC) to Cellular Vehicle-to-Everything (C-V2X) communications, and other wireless technologies. Along with this, the recent advancement in integrated sensing and communications (ISAC), edge/cloud computing, and artificial intelligence technologies intend to provide solutions toward intelligent vehicular networks and transportation systems. However, these technologies come with various challenges in robustness, performance efficiency, safety, and security. This Special Issue focuses on the fundamental technology, approach, and techniques for the intelligent vehicular network and communication systems. Authors are encouraged to submit their research works from theoretical, methodological, or practical focuses, such as simulation models, real-world experiments, algorithms, and applications concerning intelligent vehicular networks and communication systems.

Guest Editors

Dr. Sabur Baidya

Computer Science and Engineering, University of Louisville, Louisville, KY 40292, USA

Dr. Joong-Lyul Lee

Department of Software Engineering, Gyeongsang National University, Jinju, Republic of Korea

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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