Dear Friends and Colleagues,

As the Program Chair of the 23rd IEEE (Institute of Electrical and Electronics Engineers) ITSC (Intelligent Transportation Systems Conference), I am very pleased to welcome you to the online conference to be held on 20-23 September 2020. The Program Committee has organized a technical program encompassing around 560 contributions, which offer a broad insight into both the state of the art and the future of ITS.

The format of ITSC 2020 is similar as for the past conferences, including Keynotes, Regular Sessions, Special Sessions, Workshops and Tutorials. The conference addresses most recent research results of multidisciplinary topics in the ITS domain, such as cooperative and automated transport, autonomous and cooperative systems, Cooperative Intelligent Transportation Systems (C-ITS) and services, sensor technologies, traffic signal control, traffic management, system security, data privacy, traffic modelling and simulation, systems and control techniques, multi-modal transportation networks and systems (including road, rail, inland waterway and air), logistics and supply chain, artificial intelligence, human factors and behavioural modelling. We have the great privilege of welcoming three distinguished keynote speakers: Dr. Evangelos Bekiaris (Director General, Hellenic Institute of Transport (HIT) – Centre for Research and Technology Hellas (CERTH)), Prof. Nikolas Geroliminis (Associate Professor, EPFL) and Dr. Jack East (Sr. Principal Engineer, Intel; VP Autonomous Vehicle Standards, Mobileye). They will provide insights and address main challenges of connected, cooperative and automated road transport as well as the impacts on urban networks. I would like to thank everyone who contributed to the program for their enthusiastic involvement and substantial efforts. I would especially like to acknowledge my colleagues of the International Program Committee (around 230 Associate Editors and 1490 Reviewers), and the members of the Organizing Committee and the Awards Committee, for their substantial contributions during the review process, the program preparation, and the selection of the best papers. Special thanks go to all the patrons for their very kind support: CERTH-HIT, IEEE Future Networks - Enabling 5G and Beyond (IEEE FNI), and aimsun. Last but certainly not least, a special word of thanks to Pradeep Misra for providing prompt technical support and kind help.

For all ITSC 2020 participants, I hope that this conference will provide you with a unique chance to extend your knowledge, to generate new ideas, and to establish or strengthen valuable contacts. Due to COVID-19, ITSC 2020 cannot be physically held in Rhodes, Greece. Unfortunately we thereby miss our easy networking possibilities, and a wonderful opportunity to visit this beautiful Greek island, famous in the Ancient World for its Colossus of Rhodes, one of the Seven Wonders of the World, and for its Medieval Old Town, a World-Heritage Site. Hopefully we will meet again in person at future ITS activities, and maybe we will once have a chance to travel to lovely Rhodes.

Dr. Meng Lu
Program Chair, IEEE ITSC 2020
Strategic Innovation Manager, Dynniq Nederland B.V., The Netherlands