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Preface

We are delighted to introduce the proceedings of the 2018 European Alliance for Innovation (EAI) International Conference on Industrial Networks and Intelligent Systems (INISCOM). This conference brought together researchers, developers, and practitioners from around the world who are leveraging and developing industrial networks and intelligent systems. The theme of INISCOM 2018 was “Internet of Things Can Improve Citizens’ Lives.”

The technical program of INISCOM 2018 consisted of 27 full papers, including one invited paper in oral presentation sessions at the main conference tracks. The conference tracks were: Track 1, Telecommunications Systems and Networks; Track 2, Industrial Networks and Applications; Track 3, Hardware and Software Design and Development; Track 4, Information Processing and Data Analysis; Track 5, Signal Processing; and Track 6, Security and Privacy. Aside from the high-quality technical paper presentations, the technical program also featured two keynote speeches. The two keynote speeches were by Prof. Marco di Renzo, Paris-Saclay University, France, and Muhammad Ali Imran, University of Glasgow, UK.

Coordination with the steering chairs, Prof. Imrich Chlamtac, Prof. Carlo Cecati, and Prof. Song Guo, was essential for the success of the conference. We sincerely appreciate their constant support and guidance. It was also a great pleasure to work with such an excellent Organizing Committee team who worked hard in organizing and supporting the conference. In particular, we thank the Technical Program Committee, led by our TPC co-chairs, Dr. Quoc Tuan Vien and Dr. Nguyen-Son Vo, who completed the peer-review process of technical papers and compiled a high-quality technical program. We are also grateful to conference manager, Andrea Piekova, and all the authors who submitted their papers to INISCOM 2018.

A special thank is given to the Research Environment Links grant, ID 339568416, under the Newton Programme Vietnam partnership. The grant is funded by the UK Department of Business, Energy and Industrial Strategy (BEIS) and delivered by the British Council.

We strongly believe that INISCOM provides a good forum for all researchers, developers, and practitioners to discuss all science and technology aspects that are relevant to industrial networks and intelligent systems. We also expect that future INISCOM events will be as successful and stimulating as indicated by the contributions presented in this volume.

November 2018

Trung Q. Duong
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