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Industrial IoT Technologies and Applications

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Preface

We are delighted to introduce the proceedings of the fourth edition of the European Alliance for Innovation (EAI) International Conference on Industrial IoT Technologies and Applications (Industrial IoT 2020). This conference brought together researchers, developers, and practitioners around the world who are leveraging and developing the Internet of Things for a smarter industry. The aim of the conference is to stimulate interaction and convergence among researchers active in the areas of control, communications, industrial robotics, industrial cloud, smart sensors and actuators, informatics, mobile computing, and security. All topics are in the context of the Industrial IoT.

The technical program of Industrial IoT 2020 consisted of 14 full papers organized in 4 technical sessions. Aside from the high-quality technical paper presentations, the technical program also featured one keynote speech given by Prof. Dr. Pascal Lorenz from the University of Haute Alsace, France.

Coordination with the steering chairs, Imrich Chlamtac, Jiafu Wan, Min Chen, and Daqiang Zhang, 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 for their hard work in organizing and supporting the conference. In particular, the Technical Program Committee, led by our TPC Chair Lei Shu, who completed the peer-review process of technical papers and made a high-quality technical program, Jesus Tomas and Oscar Romero, as Local Chairs, Francisco Martinez-Capel as Workshop Chair, Sandra Sendra as Publicity & Social Media Chair, Lorena Parra and Lourdes Peñalver, as Publications Chairs, Jose M. Jimenez as Web Chair, Paulo Gondim as Panels Chair, José Pelegrí as Sponsorship & Exhibits Chair, Mohammed Atiquzzaman as Tutorials and Keynote Speakers Chair, and the Chairs of the proposed workshops, Miguel Ardid and Victor Espinosa for MARSS 2020, Sandra Sendra and José Miguel Jiménez for SSPA 2020, and Pedro V. Mauri and Lorena Parra for TECROP 2020. We are also grateful to the Conference Manager, Barbara Fertalova, for her support and to all the authors who submitted their papers to the Industrial IoT 2020 conference and workshops.

We strongly believe that the Industrial IoT conference provides a good forum for all researchers, developers, and practitioners to discuss all scientific and technological aspects that are relevant to smart grids. We also expect that future Industrial IoT conferences will be as successful and stimulating, as indicated by the contributions presented in this volume.

Jaime Lloret

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