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Yi-Bing Lin · Der-Jiunn Deng (Eds.)

# Smart Grid and Internet of Things

4th EAI International Conference, SGIoT 2020  
TaiChung, Taiwan, December 5–6, 2020  
Proceedings

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# Preface

We are delighted to introduce the proceedings of the 4th edition of the European Alliance for Innovation (EAI) International Conference on Smart Grid and Internet of Things (SGIoT 2020). This year, it took place at the Windsor Hotel, Taichung, during December 5–6, 2020. This conference provides an opportunity to connect with researchers, developers, and practitioners from around the world to discuss recent findings in the area of the emerging Smart Grid and Internet of Things. The technical program of SGIoT 2020 consisted of 40 full papers in oral presentation sessions at the main conference tracks.

These technical papers covered a broad range of topics in wireless sensors, vehicular ad hoc networks, security, blockchain, and deep learning. Aside from the high-quality technical paper presentations, the technical program also featured four keynote speeches. The first keynote speech was entitled “The Convergence of Sensing, Communications, Computing, Intelligentization and Storage (SCCIS): A Holistic Design Approach,” by Prof. Michael Fang, from University of Florida, USA. The second keynote speech was entitled “Security Schemes for Healthcare Devices in the IoT Era,” by Prof. Mohsen Guizani, from Qatar University, Qatar. The third keynote speech was entitled “IoT Talk: Let IoT talk,” by Chair Professor Yi-Bing Lin from National Chiao Tung University, Taiwan. The last keynote speech was entitled “Wireless Multi-Robot Systems in Smart Factories,” by Professor Kwang-Cheng Chen from University of South Florida, USA.

Coordination with the steering chair, Imrich Chlamtac, was essential for the success of the conference. We sincerely appreciate his 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 Chair Yi-Bing Lin and Co-Chair Der-Jiunn Deng, completed the peer-review process of technical papers and made a high-quality technical program. We are also grateful to the Conference Manager, Viltarè Platzner, for her support and to all the authors who submitted their papers to the SGIoT 2020 conference.

Yi-Bing Lin  
Der-Jiunn Deng

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