Lecture Notes
in Business Information Processing

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Research and Practical Issues of Enterprise Information Systems

11th IFIP WG 8.9 Working Conference, CONFENIS 2017
Shanghai, China, October 18–20, 2017
Revised Selected Papers
The 11th edition of the IFIP WG 8.9 Working Conference, CONFENIS 2017, was held at Crowne Plaza Fudan, in Shanghai, China, during October 18–20, 2017, marking the return of the CONFENIS conference series to China after 10 years (previously CONFENIS was held in Beijing, China, in 2007).

This year’s conference theme – “Industrial Internet of Things and Made in China 2025” – brought together researchers as well as practitioners and representatives of industry, academia, and public authorities to present and discuss latest research ideas and findings with the aim of facilitating the exchange of ideas and developments in all aspects of EIS. In addition, a specialized workshop on the topic of “Smart Electronics and Systems for Industrial IoT” was jointly held with the conference.

The 2017 edition of CONFENIS focused mainly on aspects of EIS concepts, theory and methods, IoT and emerging paradigm, EIS for Industry 4.0, big data analytics, intelligent electronics and systems for industrial IoT. A total of 39 high-quality papers from 19 countries and 42 organizations were received. After a rigorous peer-reviewing process, a total of 17 papers were accepted. We believe that the selected papers will trigger further EIS research and improvements. We express our thanks to the authors for their valuable work and to the Program Committee members for their advice and support. At the same time, we would like to acknowledge the great support by Fudan University and the organization team for their timely contribution and help that made this edition of the conference possible.

Finally, we hope that CONFENIS 2017, as a platform for both academia and industry representatives to discuss the current issues in enterprise information systems, triggered innovative approaches in the different EIS areas.

October 2017

A Min Tjoa
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