

Preface

The Second International Conference on Digital Economy, ICDEc 2017, took place in the lovely white and blue village of Sidi Bou Said, Tunisia, one of the most visited places around the Mediterranean Sea, and recognized as one of UNESCO's world heritage sites under the name of "Carthage-Sidi Bou Said." We met to celebrate and discuss digital economy.

The theme of ICDEc 2017 was "Digital Economy: Emerging Technologies and Business Innovation." The conference offered a number of sessions discussing innovative research focusing on emerging technologies which support the digital transformation of business and the economy, with a particular emphasis in this edition on data science and security, machine learning, Web data, cloud computing, smart cities, digital marketing, and e-learning.

All papers submitted to the conference were reviewed using a double-blind peer-review process. Papers that needed major revision went through a second round of review. We received a total of 46 qualified papers. At the end of the reviewing process, 18 full papers were accepted for presentation at ICDEc 2017. The number of reviewers per paper varied between three and six, with an exact average of 3.7 reviews per paper. All accepted papers were presented at the conference.

We express our appreciation to everyone who contributed to achieve the objectives of the ICDEc 2017 project: An international conference with participants and partners from more than 30 countries. Our sincere appreciation goes to the ICDEc keynote speakers for presenting and discussing the new trends of the digital revolution: the ethics of big data; the mass adoption of cloud computing and Web technology; precision medicine with machine learning; smart cities; and social media and value creation.

We would like to express our deepest gratitude to the conference program chairs for their effort and expertise. We would like to thank the country chairs, the Organizing and Finance Committees, as well as the Scientific and Program Committees for their support in making this conference successful. Special thanks go to the Higher School of Digital Economy, ESEN University of Manouba, Tunisia, for supporting the organization of ICDEc 2017.

We would also like to thank the sponsors of the conference for their contribution toward helping the Tunisian Association of Digital Economy ATEN to achieve its goal of the annual International Conference on Digital Economy ICDEc.

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