# **Lecture Notes** in Business Information Processing

437

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Marinos Themistocleous · Maria Papadaki (Eds.)

# **Information Systems**

18th European, Mediterranean and Middle Eastern Conference, EMCIS 2021 Virtual Event, December 8–9, 2021 Proceedings



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#### **Preface**

The European, Mediterranean, and Middle Eastern Conference on Information Systems (EMCIS) is an annual research event addressing the discipline of information systems (IS) from a regional as well as a global perspective. During the last 18 years, EMCIS has successfully helped bring together researchers from around the world in a friendly atmosphere conducive to the free exchange of innovative ideas. EMCIS covers technical, organizational, business, and social issues in the application of information technology, and it is dedicated to the definition and establishment of IS as a discipline of high impact for IS professionals and practitioners. The conference focuses on innovative research of significant relevance to the IS discipline following sound research methodologies that lead to results of measurable impact.

The COVID-19 pandemic along with the travel bans, movement, and gathering restrictions issued by many governments, as well as the restrictions on individual mobility by many universities and organizations, led EMCIS 2021 to be held as an online event, which took place during December 8–9, 2021.

This year, we received 155 papers from authors in 36 countries from all continents. Poland led the table with the most submitted papers followed by Germany, South Africa, Cyprus, Greece, France, Portugal, UK, Australia, Tunisia, Italy, USA, UAE, Saudi Arabia, and others. All papers were submitted through the easyacademia.org online review system. Track chairs assigned reviewers and the papers were sent for double-blind review. The papers were reviewed by members of the international Program Committee and/or external reviewers. Track chairs submitted six papers and each of these papers was reviewed by a member of the EMCIS Executive Committee and a member of the Program Committee. The conference chairs submitted one paper in total which was reviewed by two senior external reviewers. Overall, 54 full papers were accepted for EMCIS 2021 (a 35% acceptance rate) in the following tracks:

- Big Data and Analytics (six papers)
- Blockchain Technology and Applications (eight papers)
- Cloud Computing (two papers)
- Digital Services and Social Media (seven papers)
- Digital Governance (four papers)
- Emerging Computing Technologies and Trends for Business Process Management (three papers)
- Enterprise Systems (one paper)
- Information Systems Security and Information Privacy Protection (five papers)
- Healthcare Information Systems (five papers)
- Management and Organizational Issues in Information Systems (ten papers)
- IT Governance and Alignment (one paper)
- Innovative Research Projects (two papers)

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The papers were accepted for their theoretical and practical excellence and for the promising results they present. We hope that the readers will find the papers interesting and enjoy productive discussion that will improve the body of knowledge on the field of information systems.

December 2021

Marinos Themistocleous Maria Papadaki

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