Preface

The successful implementation, deployment, and exploitation of Internet applications, ranging from omni-channel e-commerce, to e-health, e-learning, e-government, social media, smart logistics, and smart infrastructures, requires a multidisciplinary approach to explore the range of technological, managerial, economic, cognitive, social, ethical, and legal issues.

The seventh edition of the International MCETECH Conference on e-Technologies aimed to bring together researchers and practitioners interested in exploring the many facets of Internet applications and technologies – with a primary focus on technological and managerial issues, but also a keen interest in social, ethical, and legal issues. Original and interdisciplinary approaches were actively sought and highly encouraged.

The seventh edition of MCETECH was held in Ottawa, Canada, during May 17–19, 2017. This year's conference drew special attention to the ever-increasing role of the Internet of Things (IoT) in the service of individuals, organizations, and businesses. In response to our call, we received several papers directly tied to the theme of pervasive computing and smart applications. Additionally, this year's conference also featured contributions related to security, privacy and trust, process modeling and adaptation, and data analytics and machine learning. The conference papers spanned a variety of application domains such as e-Commerce, e-Health, e-Learning, and e-Justice, and they comprised a diverse scope of research ranging from models and architectures, methodology proposals, prototype implementations, and empirical validation of theoretical models.

We received a total of 48 submissions. Each paper was reviewed by three members of the Program Committee following a double-blind review process. The papers were judged based on relevance, originality, soundness, and presentation. Following the review process, 19 high-quality contributions were selected for presentation at the conference and for publication in this volume.

As in previous years, the main scientific conference program of MCETECH 2017 was accompanied by a rich tutorial program that offered an interactive exploration of various topics such as IoT applications, business analytics dashboards, agile business rules development, and context-aware systems in healthcare.

We would like to thank all the authors who submitted papers, the members of the Steering Committee and the Program Committee as well as the external reviewers. We also express our sincere gratitude to the Steering Committee Chair, Hafedh Mili, for his enthusiasm and his invaluable help in organizing this conference. Furthermore, the conference program would not be complete without the help of our Conference Workshops and Tutorials Chair, Hamid Mcheick. We are also very grateful to Daniel Amyot, who helped us with the conference management system and acted as our

industrial liaison. Finally, we thank the local organizers, including the many students who volunteered on the organization team. Together, all of them played a key role in making this year's MCETECH conference another successful event.

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