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IFIP was founded in 1960 under the auspices of UNESCO, following the first World Computer Congress held in Paris the previous year. A federation for societies working in information processing, IFIP's aim is two-fold: to support information processing in the countries of its members and to encourage technology transfer to developing nations. As its mission statement clearly states:

IFIP is the global non-profit federation of societies of ICT professionals that aims at achieving a worldwide professional and socially responsible development and application of information and communication technologies.

IFIP is a non-profit-making organization, run almost solely by 2500 volunteers. It operates through a number of technical committees and working groups, which organize events and publications. IFIP's events range from large international open conferences to working conferences and local seminars.

The flagship event is the IFIP World Computer Congress, at which both invited and contributed papers are presented. Contributed papers are rigorously refereed and the rejection rate is high.

As with the Congress, participation in the open conferences is open to all and papers may be invited or submitted. Again, submitted papers are stringently refereed.

The working conferences are structured differently. They are usually run by a working group and attendance is generally smaller and occasionally by invitation only. Their purpose is to create an atmosphere conducive to innovation and development. Refereeing is also rigorous and papers are subjected to extensive group discussion.

Publications arising from IFIP events vary. The papers presented at the IFIP World Computer Congress and at open conferences are published as conference proceedings, while the results of the working conferences are often published as collections of selected and edited papers.

IFIP distinguishes three types of institutional membership: Country Representative Members, Members at Large, and Associate Members. The type of organization that can apply for membership is a wide variety and includes national or international societies of individual computer scientists/ICT professionals, associations or federations of such societies, government institutions/government related organizations, national or international research institutes or consortia, universities, academies of sciences, companies, national or international associations or federations of companies.

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Amany Elbanna · Yogesh K. Dwivedi Deborah Bunker · David Wastell (Eds.)

Smart Working, Living and Organising

IFIP WG 8.6 International Conference on Transfer and Diffusion of IT, TDIT 2018 Portsmouth, UK, June 25, 2018 Proceedings



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Preface

The adoption and diffusion of information technology have gone through decades of developments and major shifts. It has progressed from developing and adopting single isolated systems to large integrated systems to cloud computing. It has taken major twists and turns with the adoption of mobile technology, Web-based services, wearable technologies, and the Internet of Things. The focus of Working Group 8.6 of the International Federation of Information Processing (IFIP) is the diffusion, adoption, and implementation of information and communication technologies.

This book presents the proceedings of the 2018 Conference of the IFIP WG8.6. IFIP WG 8.6 has a tradition of focusing on the new developments in the adoption and diffusion of technology, systems, and the resulting information that is produced and used for different purposes. The conference was held in Portsmouth, UK, and was hosted by the University of Portsmouth, which showed true academic spirit and generously offered all conference facilities free of charge and for this we are very grateful.

The theme of the conference was the adoption of new classes of technology that are being used everyday by individuals, organizations, sectors, and society. We particularly welcomed research that questioned how emerging technologies are adopted and appropriated in organizations and everyday life and the impact they are having. However, we also remained open and committed to the wider theme of the IFIP 8.6 working group. All papers were double-blind reviewed by at least two expert reviewers. We followed a constructive reviewing process to develop papers and direct authors to other types of submissions when the criteria of full papers were not met. This resulted in 16 full-length papers and two short papers being accepted to be presented at the conference and published in the proceedings, in addition to other poster-style papers to be presented in the conference and that did not appear in the proceedings. The acceptance rate, therefore, was nearly 50%. We are indebted to members of the Program Committee for their help in the reviewing and selection process and providing their comments to us in a timely manner making this event possible.

This book is organized into five parts to reflect the themes of the papers. Part I includes papers that address the adoption of different smart technologies ranging from analytics to smart home devices. Part II presents papers that discuss the adoption and use of social media and different sharing economy models. Part III includes papers that examine the adoption of different Internet-based technologies in government and developing countries. Part IIII includes papers that investigate the general topics of IT project management. The final part includes papers that examine different IS concepts and theories.

Events like these cannot be staged without considerable help and advice from others. Our meeting would not have been possible without the hard work of Peter Bednar as the local organizing chair and Penny Ross as member of the local organizing team. We hope that our meeting and the collection of papers included in these proceedings expand our understanding of the plethora of new technologies that are being

VI Preface

offered and adopted in different types of organizations and walks of life and that more work will follow to advance our knowledge in this regard.

September 2018

Amany Elbanna Yogesh Dwivedi Deborah Bunker David Wastell

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Contents

Being Smart: Adoption Challenges	
Establishing an Analytics Capability in a Hospital	3
Why Governing Data Is Difficult: Findings from Danish Local Government. Olivia Benfeldt Nielsen, John Stouby Persson, and Sabine Madsen	15
A Cognitive Perspective on Consumers' Resistances to Smart Products Stefan Raff and Daniel Wentzel	30
Sharing Economy and Social Media	
The Influence of Social Media on Engendering Strategic Organisational Practices – The Case of Two Tanzanian Telecommunications Companies Shirumisha Kwayu, Banita Lal, and Mumin Abubakre	47
Examining Convergence Behaviour During Crisis Situations in Social Media - A Case Study on the Manchester Bombing 2017 Milad Mirbabaie, Deborah Bunker, Annika Deubel, and Stefan Stieglitz	60
Online Group Buying (OGB) in Agricultural Food Businesses: An Exploratory Study	76
Adoption of Sharing Economies of Communitive Consumption Providing an Exchange of Services: A Conceptual Frame Work Zainah Qasem, Raed Algharabat, and Ali Abdallah Alalwan	90
Toward a Conceptual Model for Examining the Role of Social Media on Social Customer Relationship Management (SCRM) System	102
Government and Infrastructure	
Critical Success Factors of the Digital Payment Infrastructure for Developing Economies	113

New Infrastructure Technology and Smart Institutional Interventions: The Case of Implementing Government Cloud Computing in Oman	126
Intelligent Monitoring and Controlling of Public Policies Using Social Media and Cloud Computing	143
E-Government Project Design in Developing Countries	155
Theorizing the Relationship of Corruption in National Institutions with E-Government Maturity	177
Digital Payments Adoption Research: A Meta-Analysis for Generalising the Effects of Attitude, Cost, Innovativeness, Mobility and Price Value on Behavioural Intention	194
IT Project Management	
Conceptualizing the Transition from Agile to DevOps: A Maturity Model for a Smarter IS Function	209
Situational Incompetence: The Failure of Governance in the Management of Large Scale IT Projects	224
Revisiting Concepts and Theories	
Making Sense of Smart Living, Working, and Organizing Enhanced by Supposedly Smart Objects and Systems	247
Balancing Stakeholder Interests: Socio-Technical Perspectives on Smart Working Practice	261
Use of 'Habit' Is not a Habit in Understanding Individual Technology Adoption: A Review of UTAUT2 Based Empirical Studies	277

Со	ntents	XI
Searching the Identity of Information Systems: A Study from Interdisciplinary Contexts		295
Author Index		307