



## **Information Systems Frontiers**

### **CALL FOR PAPERS**

#### **Special issue on:**

#### **Smart working, living and organising**

The adoption and diffusion of information and communications technology (ICT) has passed through decades of incremental evolution, punctuated by major shifts. It has progressed from applications based on the development and adoption of single isolated systems to the implementation of large integrated systems, and thence to technologies that transcend the organisational boundaries, such as cloud computing and digital platforms. More recently, major shifts and turns have taken place with the promulgation of mobile technology, web-based services and platforms, wearables, the resurgence of Artificial Intelligence, Big Data analytics, machine learning and the Internet of Things. These new emerging technologies are believed to support the mastering of our environment and provide us with smarter ways to work, live and organise.

This Special Issue aims to progress our understanding of the plethora of new emerging technologies that are being adopted and used every day by individuals and organisations, and on the associated human aspects of living and organising with these technologies. We call for research from different contexts and walks of life to understand the adoption and organising principles, the impact, the opportunities and the challenges of working and living in the context of these emerging intelligent devices, algorithms, analytics and other smart technologies. We particularly welcome research that questions how emerging technologies are adopted and appropriated in everyday life and work, and on the impact they are exerting. Who is becoming smart and what are they becoming smart about?; Who are the 'winners', 'losers' and indeed the 'silent'? What role does technology play in effecting these social and/or organisational changes?

This special issues while welcomes papers that focus on traditional diffusion of innovation theories, it strongly encourages critical thinking and development and utilisation of new, non-traditional and context specific conceptual lenses and viewpoints. It aims to broaden the theoretical base of adoption and diffusion of technology in light of these new technologies and new challenges.

We welcome case studies and theoretical papers that focus on emerging technology at home, in the workplace and as it applies to the delivery of public services. Adoption of technology such as Blockchain, analytics, machine learning, adaptive algorithms, IoT, smart devices such as wearables and mobiles are important. We hope to move forward in our

understanding of different types of adoption contexts across a broad spectrum of organisations, sectors and society. Some types of organisations and sectors have traditionally been less represented in Information Systems research, and we would encourage scholarly work in these areas. For example: not-for-profit and voluntary sector organisations; political and criminal justice sectors; building and construction; automotive, transportation and infrastructure, as well as the energy sectors. These are all industries where the adoption of new technology has had critical impact.

**Topics of submission include, but are not limited to:**

- Appropriation of emerging technologies including smart and mobile devices, Blockchain, cloud computing, data analytics, machine learning, and drones.
- Adoption of emerging technologies in different organisations and sectors (such as government, banks, criminal justice, healthcare), homes, transportation systems.
- Diffusion, transfer, and implementation of both mature and immature smart information technologies and systems in organizations and across organizations, sectors, and countries.
- Transfer of emerging technology to be incorporated in systems for customers and clients, and in different developing and developed countries.
- Development of frameworks, models, and terminology for emerging information technology transfer and diffusion in different contexts and different types of technology.
- Adoption and diffusion of emerging technology in the emergency management, political and criminal justice sectors.
- Identification of risk factors and barriers to success in emerging technology adoption, and strategies for addressing them.
- Methods to evaluate the efficiency, effectiveness, and value of the adoption of emerging technology.
- Ethics in the adoption of Internet of Things, Big Data Analytics, wearables and mobile technology, machine learning, Blockchain.

**Forms of Submission**

This Special Issue will consist of 1) the best submissions from an open Call for Papers, selected on a competitive basis; and 2) invited papers that are extended or modified versions of selected papers accepted at the [IFIP 8.6 2018 Conference on Smart working, living and organising](#), Portsmouth, UK. In the latter case, the submission will be a substantial revision of the conference publication, and the authors will be required to submit a letter detailing the difference between their conference paper and the new version. All submitted papers and invited papers will go through peer review; if an invited conference paper does not receive a satisfactory review, the paper will not be considered for the Special Issue.

**Submission Instruction**

Manuscripts must be submitted in PDF format to the ISF-Springer online submission system at <http://www.editorialmanager.com/isfi/> and the authors need to select "Special Issue: **Smart working, living and organising**" during the submission process. Paper submissions must conform to the format guidelines of Information Systems Frontiers available at <http://www.springer.com/business/business+information+systems/journal/10796>. Submissions should be approximately 32 pages double spaced including references.

**Important Dates**

Submission deadline: August 10, 2018  
Notification of first round reviews: October 10, 2018  
Revised Manuscripts due: December 17, 2018  
Notification of second round reviews: January 28, 2019  
Final Version Due: March 15, 2019

## Guest Editors

Amany Elbanna, Royal Holloway University of London  
Yogesh K Dwivedi, Swansea University  
Deborah Bunker, University of Sydney  
David Wastell, Nottingham University  
Eleanor Wynn, Ronin Institute, USA

## Guest Editors' Biography

**Amany Elbanna** is a Reader (Associate Professor) in Information Systems at Royal Holloway University of London. Her research interests are currently in the areas of the platform economy and systems development, project management and impact. She is the past Chair of the Special Interest Group on Enterprise Systems (SIG ENTSYS) at the Association of Information Systems (AIS), an Associate Editor of Information Systems Journal and a member of the Editorial Board of Information & Management, Journal of the Association of Information Systems (JAIS), Information Technology & People, Scandinavian Journal of Information Systems and Journal of Enterprise Information Management. She won the Reviewer's Recognition Award from the Journal of the Association of Information Systems (JAIS) in 2016. Amany is a regular speaker in industry and her research is featured in The Financial Times, The Conversation and The Manufacturing Magazine. She has published over 50 articles in internationally leading journals and conferences and has a broad experience across different industrial contexts and sectors including manufacturing, financial services, healthcare, food and beverages, postal services, government and public sector and emergency response.

**Yogesh K. Dwivedi** is a Professor of Digital Marketing and Innovation, Dean of Academic Leadership (REF Research Environment and Interdisciplinary Research), and Director of the Emerging Markets Research Centre (EMaRC) in the School of Management at Swansea University, Wales, UK. His research interests are at the interface of Information Systems (IS) and Marketing, focusing on issues related to consumer adoption and diffusion of emerging ICT-based applications, electronic/digital government, and digital marketing particularly in the context of emerging markets. He has published more than 250 articles in a range of leading academic journals and conferences. He has co-edited/co-authored more than 20 books on technology adoption, e-government, IS theory, eWOM and social media which have been published by international publishers. He has acted as co-editor of 19 journal special issues; organised tracks, mini-tracks and panels in leading conferences; and served as Programme Co-Chair of the 2013 IFIP WG 8.6 Conference and as Conference Chair of the IFIP WG 6.11 I3E2016 Conference. He is an Associate Editor of the *European Journal of Marketing* and *Government Information Quarterly* and Senior Editor of the *Journal of Electronic Commerce Research*. Professor Dwivedi is the founding editor of the recently established Springer Book Series on *Advances in Theory and Practice of Emerging Markets* (<http://www.springer.com/series/15802>).

**Deborah Bunker** is a Professor at the University of Sydney Business School and a globally recognized research leader in technology diffusion and adoption, as well as systems interoperability. She leads the Interoperability in Extreme Events Research Group (IEERG) at the University of Sydney, which focuses on practical, problem-solving approaches to interoperability issues through the application of socio-technical innovations. She is Chair of IFIP Working Group 8.6 on Adoption and Diffusion of Innovation. Prior to her academic career Professor Bunker was an experienced senior consultant, product manager, project manager and Human Resource manager within the Information Technology, Banking & Finance and Insurance sectors. Her research has appeared in MISQ, JIT, CAIS and ISF.

**David Wastell** is Emeritus Professor of Information Systems at Nottingham University. David has broad-ranging research interests and has published widely in areas including electronic government, knowledge management, business process engineering, IS methodology, and the cognitive engineering of complex systems. David also has considerable practical experience in IS development, gained as a practitioner and a consultant in both the private and the public sectors. Reflecting his early career interests in psychophysiology, David's current work focuses on the implications of the "new biologies" (neuroscience and epigenetics) for contemporary social policy, encapsulated in his recently published book "Blinded by science: social implications of epigenetics and neuroscience" (Policy Press, 2017).

**Eleanor Wynn** is a Professor at the Ronnin Institute. She also worked at Intel Capital within Information Technology at Intel Corporation. She received a PhD in Linguistic Anthropology from the University of California, Berkeley. She initiated the practice of language analysis for understanding workplace practices at Xerox PARC in 1976. Since then, she has worked both in industry and universities. She has published on a wide range of topics relating to the role of social interaction and social groups in Information Systems planning, development, and use. She is the past editor-in-chief of Information Technology & People.