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## Editorial

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**Biographical notes:** Juergen Seitz received his Diploma in Business Administration and Business Information Systems from the University of Cooperative Education Stuttgart, nowadays, Baden-Wuerttemberg Cooperative State University, Stuttgart, Germany, and in Economics from University of Stuttgart-Hohenheim. He received his PhD from the Viadrina European University, Frankfurt, Oder, Germany. He is a Professor for Business Information Systems and Finance, and Chair of the Business Information Systems Department at Baden-Wuerttemberg Cooperative State University Heidenheim, Germany. He is an editor, associate editor and editorial board member of several international journals. He is a member of the Gesellschaft für Informatik (German association), Association of Information Systems (AIS) and an executive council member of Information Resource Management Association, USA. He was and is a member of the program or organising committee of several international conferences, e.g., the Wuhan International Conference on E-business.

Douglas Vogel is a Professor of Information Systems (IS) and Association for Information Systems (AIS) Fellow as well as AIS Past President, and currently, Director of the eHealth Research Institute as a state specially recruited expert in School of Management at Harbin Institute of Technology in China. He has also been recognised as an Australasian Institute of Digital Health Fellow. He has published widely and received over 17,000 citations and has had a presence in

over 100 countries. His research interests reflect a concern for encouraging efficient and effective utilisation of computer systems in an atmosphere conducive to enhancing the quality of life with particular attention to healthcare and wellness.

Zhen Zhu received his MS and PhD in Management Sciences and Engineering from the China University of Geosciences (CUG), Wuhan, China. He is a Professor of MIS and Department Chair of Management Sciences and Engineering in the China University of Geosciences (CUG), Wuhan. His current research interests include ecosystem of the digital platform, competitive dynamics and co-evolution in digital platform, AI and big data-enabled business innovation. His research papers have appeared in the *IEEE Transaction on Engineering Management, Information & Management, International Journal of Information Management, International Journal of Networking and Virtual Organisations, International Journal of Information Systems and Change Management, China Management Review, Research and Development Management*, and in several proceedings of international conferences. He is an associate editor of *Electronic Commerce Research*, and several track chairs of conferences, including ICIS, AMCIS, PACIS and ECIS. He is currently acting as the Program Chair of Wuhan International Conference on E-business.

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The services industry in China is in the process of digital transformation as all industries around the world. (Big) data and the use of data science methods and algorithms to extract new knowledge and patterns became more and more important over the last years. However, because of the size of China, its population, the size of its domestic market and its number of transactions, we can recognise similarities, but also differences in the development of the digital services industry.

The four articles were originally presented at the Wuhan International Conference on E-business (WHICEB 2017 and 2018). From more than 300 papers, these papers were recommended and the authors were asked to extend their papers for this special issue.

Because China is one of the major production and operations hubs and weather can significantly affect supply chains, weather derivatives play a key role in hedging risks to secure multinational supply chains. Therefore, Qing Zhu, Jiarui Li, Renxian Zuo and Zheyu Guo analyse the feasibility and stability of indices in their paper 'New weather indices for China: based on DCC-GARCH and GRU models'.

The second paper 'What drives consumer website stickiness intention? The role of website service quality and website involvement' by Jinnan Wu, Lin Liu and Tingting Cui analyses, why people tend to stick a shopping website. Unlike prior studies, the author uses the stimulus organism response model.

The third paper 'Using unlabeled data mining to detect customer perceptions of undefined commodity problems' by Yiqiong Wu, Qing Zhu, Shan Liu, Fan Zhang and Linbo Wang examine the maturation and developments of an unsupervised machine learning approach in online review systems to recognise customers satisfaction.

Bo Yang, Mingshan Chang, Kanliang Wang and Rong Zhang examine in the fourth paper 'The calendar effect of price-reduction auction of online agricultural products', the calendar effect in Dutch auctions, which are widely used on markets for agricultural products. The authors analyse over 200,000 transactions of China's largest B2C e-commerce company for agricultural products.