
Editorial

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Biographical notes: Chai Zhengyi is currently a Professor at the School of Computer Science and Technology, Tiangong University, Tianjin, China. He made significant contributions to the field of artificial intelligence, particularly in machine learning and intelligent computing. His expertise is highly regarded, evident through his leadership in various research projects, including those funded by the National Natural Science Foundation of China. He has authored numerous papers in international journals and conferences, published an academic monograph, and developed several copyrighted software systems. His dedication to academic service is commendable, as he serves on the editorial board of the *Journal of Computer Engineering* and actively participates as a reviewer and a guest editor for several SCI/EI-indexed journals.

Laith Abualigah holds a PhD in Computer Sciences with a focus on Artificial Intelligence and Software Engineering. He has an impressive research profile, with an h-index of 38 and a total of 6,905 citations. His expertise lies in the areas of artificial intelligence, language engineering, information retrieval, and optimisation problems. With extensive teaching experience and editorial activities for esteemed journals, including cluster computing and soft computing, he brings valuable insights and expertise to our special issue.

Zhou Chunfang is currently affiliated with the Department of Mathematics and Computer Science at the University of Southern Denmark. With a diverse educational background, including a PhD in STEM Creativity and Learning

Innovation from the Aalborg University, Denmark, his expertise lies in STEM education, problem-based learning, creativity, learning systems design, and human-technology interaction. She has made significant contributions to research areas such as AI science, sustainability, and responsible innovation. His research leadership is evident through her involvement in various research centres and her editorial roles in prestigious magazines.

Welcome to this special *International Journal of Networking and Virtual Organizations* issue. In this issue, we are delighted to present a collection of cutting-edge research and developments in the field of networks and virtual organisations. The 22 articles included in this issue cover a wide range of topics that align closely with the scope of the journal.

The central focus of this special issue is on network forms of organisations, including inter- and intra-organisational networks, as well as formal and informal networks, such as interpersonal, community, and social networks. Our research also encompasses networks in collaboration and competition, networks in science and technology studies, and networks between industry and academia.

We delve into the application of networks in learning across institutional, disciplinary, and geographical boundaries, as well as global and local innovation networks, regional collaborative clusters, and inter-firm networks. Additionally, we explore virtual networks and the application of network theory in virtual organisations. We also examine organisations with changing or unclear boundaries and the management of decentralised or more centrally coordinated networks and virtual organisations.

This special issue addresses the management of dispersed project teams and employs network analysis methodologies, including social network analysis and graph theory. Furthermore, we investigate the use of virtual organisations and media in developing countries, along with the challenges and opportunities of enterprise integration.

The 22 selected articles cover a wide array of topics, ranging from the development of English reading skills in the MOOC model of English language teaching to the integration of music emotional attention in long- and short-term music preference recommendation methods. We explore the construction and application of an intelligent classroom teaching ability training mode that integrates MOOC and flipped classroom approaches in English language education. Additionally, we examine the application and research of a double-layer music emotion classification model based on the random forest algorithm in the realm of digital music.

Moreover, we delve into the application of improved algorithms, such as Apriori and HMM, in teaching evaluation and musical note feature recognition in universities, respectively. We explore innovative assessment technologies for tennis-assisted teaching and the evaluation of classroom teaching quality in art design specialties. Furthermore, we investigate the application of data mining, decision trees, and clustering algorithms in English flipped classroom teaching, precision poverty auditing, and knitted garment talent training models.

These articles contribute to our understanding of networks and virtual organisations and offer novel perspectives and insights in these domains. We hope that this special issue stimulates your interest and provides valuable references for your research and practical endeavours in this field.

Acknowledgements

We are honoured to have Professor Zhengyi Chai's valuable insights and expertise contributing to the success of this special issue.

We are privileged to have Professor Laith Abualigah on board, contributing to the advancement of knowledge in our field.

We are privileged to have Professor Zhou Chunfang on board, contributing to the advancement of knowledge in our field.