

# Special Issue

## Advances in Communication Technology with Artificial Intelligence

### Message from the Guest Editor

The combination of communication technology and artificial intelligence can change the view of our thinking aspects and revolutionize our lifestyle. Artificial intelligence (AI) is an integral part of communication technologies such as 5G, 6G, and 7G, and it is poised to fundamentally shift the Information and Communications Technology (ICT) industry with technologies such as machine learning, natural language processing, and deep learning, which will dramatically enhance the performance of communications, apps, content, and digital commerce. AI will also drive new business models and create entirely new business opportunities as interfaces and efficiencies facilitate engagement that has been heretofore impossible. The goal of this Special Issue is to provide a platform for researchers/designers and academicians to share their up-to-date works and to identify issues and challenges for further research into the emerging communication technology with artificial intelligence.

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### Guest Editor

Prof. Dr. Bhanu Shrestha

Department of Information Convergence, Graduate School of Smart Convergence, Kwangwoon University, Seoul, Korea

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### Deadline for manuscript submissions

closed (30 November 2023)



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*Designs*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[designs@mdpi.com](mailto:designs@mdpi.com)

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### Message from the Editor-in-Chief

*Designs* (ISSN 2411-9660) is a peer-reviewed and open access journal which provides a unifying research framework for a wide range of engineering designs of disciplines and industrial applications, including mechanical engineering, electrical engineering, civil engineering, mechatronics, aerospace engineering, bioengineering, energy engineering, industrial engineering and manufacturing systems are of interest. We would like to invite you to contribute to the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Joshua M. Pearce

Department of Electrical & Computer Engineering, Western University,  
London, ON N6A 3K7, Canada

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