

Foreword about associate professor Zouhair Al-qudah, associate professor at Communication Engineering Department, Al-Hussein Bin Talal University, Ma'an, Jordan:

Zouhair Al-qudah received the B.Sc., M.Sc., and Ph.D. all in Electrical (Wireless Communication) Engineering from Yarmouk University, Jordan, in September 2002, Kalmar University College, Sweden in November 2006, and Southern Methodist University at Dallas, Texas in May 2013, respectively. Since August 2013, he has been with Al-Hussein Bin Talal University at Ma'an, Jordan, where he is currently an Associate Professor. His research interest includes coding and information theory in wireless communications systems, cooperative communications 5G communication, resource allocation problems, interference management and signal processing.



Zouhair Al-qudah

Dear Authors and Readers.

It is my pleasure to write this foreword for the benefit of the Journal, Readers, and Authors. Nowadays, in era of Coronavirus Pandemic, the importance of outstanding research in all areas of science and technology becomes urgent and crucial. Apparently, any equipment that is used to save and facilitate human's life does not come by chance. On the contrary, these useful instruments come after a long journey of research and development starting from the theoretical studies up to the deployment and ending up with the final product.

For instance, in almost all Engineering fields, coming up with the final product comes after three main steps. These steps are mainly theoretical studies, computer modelling, finally implementation, and experimental verification. Theoretical studies concerns with the importance of this product, is this product already available to the consumers, the cost of this product, and how this product will improve the human's life. In the second step, product modelling and performance measuring, with the help computer tools is made. Finally, the item is produced and experimentally evaluated to practically measure its quality and performance.

As a researcher in the broad area of Electrical Engineering and precisely in the field of wireless communications, I am happy to introduce the latest and hot topics in the field of wireless communications. One of the hot vital topics in today's technology is the Internet of Things for wireless (wireless IoT) networks. Keep in mind that the number of devices that are connecting to the internet always increases. Therefore, a high-speed wireless network is essential to provide online connectivity. Another field of research is Spatial Modulation (SM), which is an advanced modulation technique to transmit over a multi-input multi-output transmission environment. It is worth noting that SM is an attractive candidate to achieve the spectral and energy efficiency fulfillment of the next generation of wireless communications. The researchers also may take interest in millimeter wave networking and multiple antenna technologies for the Fifth-Generation (5G) and beyond.

In the end, we wish the readers and authors to consider significant contributions to the journal for the sake of promoting current technologies as well as promoting the rank of the journal.