Acoustics, Speech and Signal Processing

Guest Editors:

Dr. Muhammad Naveed Aman
School of Computing, University of Nebraska-Lincoln, Lincoln, NE 68588-0115, USA

Dr. Anwar Ali
School of Information Science and Technology, Zhejiang Sci-Tech University, Hangzhou 310018, China

Dr. Asif Iqbal
Department of Electrical Engineering, National University of Computer and Emerging Sciences, Islamabad 44000, Pakistan

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Message from the Guest Editors

Dear Colleagues,

Engineers and scientists have been studying the phenomenon of speech communication (even before Alexander Graham Bell's revolutionary invention) with an intent to develop more efficient and effective human-to-human and human-to-machine communication systems. Although digital signal processing took the center stage in speech communication research in the 1960s, it is still critical for exploiting the gains of decades of research. Artificial intelligence has greatly influenced speech processing during the last decade, with much research improving the performance of acoustics and speech processing systems. Therefore, this Special Issue focuses on recent state-of-the-art techniques for improving acoustic and speech signal processing using digital signal processing techniques and/or artificial intelligence techniques. Papers submitted to this Special Issue will be judged on the importance of the problem, originality of the solution, and contribution toward the existing body of knowledge.

Special Issue