Special Issue

Current Trends and Future Directions in Voice Acoustics Measurement

Message from the Guest Editor

The human voice production mechanism implements a superbly rich communication channel that at once tells us what, who, how, and much more. Decades of research notwithstanding, many acoustic and other physical measures of voice are still not solidly established as clinical evidence, and this is true even though experienced clinicians can often hear what the problem is. There are several underlying reasons for this situation. Can voice analysis find a way out into the world, there to earn its keep? With this Special Issue, we attempt to sketch some inspirational input to such an effort. This Special Issue also discusses how voice data —mostly acoustic—would need to be collected, analyzed, and interpreted in order to improve the evidential value of objective measurements. In this Special Issue on Voice Acoustics Measurement, the contributors report not only on making various innovative measurements, but also on the more general and fundamentally important issues of acquisition, sampling, statistics, and clinical relevance. New measurement paradigms, critical appraisals, fresh perspectives, and broad collaborations are encouraged.

Guest Editor

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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