Special Issue

Models of Speech and Voice Impairment for Disease Detection and Assessment

Message from the Guest Editor

The onset of a disease may have an acoustic offprint that can be perceived auditorily by human clinical experts. The presence of an acoustic consequence of a disease enables signal processing procedures to replicate the human clinical assessment and allows the transfer of assessment capabilities to contexts where human assessment expertise is not available. This Special Issue aims to bring together state-of-the-art techniques in acoustic screening and assessment procedures to form a new knowledge base on the acoustic consequences of disease-related changes in speech and voice production. We welcome contributions aimed at the detection of disease onset, monitoring progress in the disease, or the effect of treatments across all diseases that have an effect on speech or voice production.

Guest Editor

Dr. Fredrik Karlsson

Department of Clinical Science, Umeå University, SE90187 Umeå, Sweden

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About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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