

Calendar

DECEMBER 2019

11th International Workshop on Models and Analysis of Vocal Emissions for Biomedical Applications - MAVIBA 2019

Inclusive dates: 17-19 December, 2019

Location: Firenze, Italy

Brief description:

The MAVIBA Workshop concerns the study of our voice both from the methodological point of view and its biomedical applications. It welcomes contributions ranging from fundamental research and advanced technologies about models and analysis of signal and images of the human vocal apparatus and any related field, to all kinds of biomedical applications with emphasis on translational research.

This eleventh Workshop will offer again the participants an interdisciplinary platform for presenting and sharing knowledge and recent results with anyone who is interested in this multifaceted subject that involves bioengineering, neurology, surgery, psychology, psychiatry, logopaedics, linguistics, singing and related fields, with applications ranging from the new-born to the elder.

Topics include, but are not limited to: Acoustical and image analysis of the vocal folds; Modelling and simulation of vocal physiology; Biomechanics of the vocal folds; Intonation, mood, stress and related neurological disorders; Machine learning and artificial intelligence in voice recognition, synthesis and classification; New-born cry, prematurity, neurological disorders; Voice analysis and native language; Classical and modern singing and acted voice; Wearable devices, mobile apps and human-computer interaction; Software tools for voice and image analysis.

Featured speakers/faculty:

J. LoVetri, M. Benniger, C. Thompson, A. Einhorn

Registration Fee:

USD 425 per Level

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Featured speakers/faculty:

Franco Fussi, Philippe Deonckere

Registration Fee:

to be defined

Contact person: Claudia Manfredi

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