

KONSTANTINOS PASTIADIS

Electrical & Computer Engineer, PhD

Full Professor, ARISTOTLE UNIVERSITY OF THESSALONIKI, DEPARTMENT OF MUSIC STUDIES

Visiting Professor, UNIVERSITY OF ATHENS, SCHOOL OF MEDICINE

Area:

Auditory Perception, Psychoacoustics, Signal Processing

Specialization:

Perception and Psychophysics

Behavioral Signal Processing, Testing and Techniques

Music and Performing Arts

Perceptual Techniques and Audiovisual Production

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Dr. Konstantinos Pastiadis, Electrical & Computer Engineer PhD, holds a position of Full Professor on Musical Acoustics, Psychoacoustics and Signal Processing at the Aristotle University of Thessaloniki, School of Fine Arts, and a position as Visiting Professor with the School of Medicine of the National Kapodistrian University of Athens.

He received his Ph.D. on Hearing and Voice/Speech Signal Processing from the department of Electrical & Computer Engineering of Aristotle University of Thessaloniki.

He has also received a degree from Yamaha Music Foundation and he is a piano and keyboards performer.

Along with being a member of several scientific societies, he has published several research articles in the fields of Psychoacoustics, Hearing Loss, Hearing Aids and Hearing Implants, Perception & Musical Acoustics, Perception & Signal Processing in Performing Arts, Voice/Singing Acoustics/Pathology.

He has participated in numerous funded research projects in the fields of Technology in Hearing Restoration, Music Perception, Acoustics of Voice, etc.

His research interests on Psychoacoustics and Signal Processing include: psychophysical methods and applications in music perception, computational models in auditory physiology, perception and production of musical signals, tests/systems for the acquisition, processing and analysis of objective and behavioral data, intelligent signal processing/analysis, room acoustics in music performance, and, of course, acoustics of musical instruments and singing/voice.

He is an industry certified engineer on Hearing Implants and Hearing Aids Technologies, and he is a member of the Hellenic Society of Audioprosthetics.

Additionally, he is cofounder of HearArtTec, a spin-off company of Aristotle University of Thessaloniki, in the field of intelligent individualization of Hearing Devices and Hearing Restoration.