



**Ομιλητής:** Prof. Metin Akay

**Τίτλος ομιλίας:** Advanced Technologies for Human Brain Initiatives

**Σύντομο βιογραφικό ομιλητή:**



Metin Akay is currently the founding chair of the new Biomedical Engineering Department and the John S. Dunn professor of biomedical engineering at the University of Houston. He received his B.S. and M.S. in Electrical Engineering from the Bogazici University, Istanbul, Turkey in 1981 and 1984, respectively and a Ph.D. degree from Rutgers University in 1990. He is the founding editor-in-chief of the Biomedical Engineering Book Series published by the Wiley and IEEE Press and the Wiley

Encyclopedia of Biomedical Engineering. He is also the editor of the Neural Engineering Handbook published by Wiley/IEEE Press and the first steering committee chair of the IEEE Trans on Computational Biology and Bioinformatics. He established the Annual International Summer School on Biocomplexity, Biodesign and Bioinnovation sponsored by the NSF and the IEEE EMBS and was the founding chair of the IEEE EMBS Special Topic Conference on Neural Engineering.

He is the chair of the IEEE EMBS Neuroengineering Technical Committee. He was the program chair of the International IEEE EMBS 2001 and the co-chair of the Annual International IEEE EMBS 2006 and the program co-chair of the Annual International IEEE EMBS 2011 conference held in Boston.

Dr. Akay is a recipient of the IEEE EMBS Early Career and Service awards as well an IEEE Third Millennium Medal and is a fellow of IEEE, the Institute of Physics (IOP), the American Institute of Medical Biological Engineering (AIMBE) and the American Association for the Advancement of Science (AAAS). His Neural Engineering and Informatics Lab is interested in developing an intelligent wearable system for monitoring motor functions in Post-Stroke Hemiplegic Patients and detecting coronary artery disease. In addition, his lab is Engineering High-Throughput 3D in vitro Platform for Targeting Glioblastoma Multiforme Vasculature and molecular profiling.