

Title: Toward 3D Binaural Synthesis Based on Spatial Hearing

Prof. Shuichi Sakamoto

Research Institute of Electrical Communication

Graduate School of Information Sciences

Tohoku University, Japan



Bio-sketch

Shuichi Sakamoto received his B.S., M.Sc., and Ph.D. from Tohoku University, in 1995, 1997, and 2004, respectively. He joined the Research Institute of Electrical Communication, Tohoku University, as a Research Associate in 2000. He was then appointed an Associate Professor in 2011. He has been a Professor at the Research Institute of Electrical Communication, Tohoku University, since 2019 and was a Visiting Researcher at McGill University, Montreal, Canada, from 2007 to 2008. His research interests include the development of high-definition three-dimensional audio-recording systems and human multisensory information processing, including hearing and speech perception. He is an Editorial Board Member of *Frontiers in Psychology*, *Auditory Perception & Cognition*. He is also a Member of the Acoustical Society of America, Acoustical Society of Japan, and others.