How can speech audiometry improve hearing aid fittings and benefits?

By

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Date: September 14, 2015 (Monday)
Time: 2:30 pm
Place: Room 702, 7/F, William M.W. Mong Engineering Building, CUHK

Abstract
This presentation addresses the long-standing question of how to improve hearing aid fittings using speech audiometry. Recent advances based on the Speech Intelligibility Index, as well as research on various psychoacoustical measures, may allow the nature of an individual’s hearing impairment to be classified, guiding the fitting process with information beyond that provided by the audiogram. The rationale for these approaches will be reviewed, together with practical consideration of their use in the fitting process.

Biosketch
Dr. Soli is a Senior Clinical Research Scientist at the House Clinic, Clinical Professor of Otolaryngology (Adj.) at the University of Southern California Keck School of Medicine, Professor Audiology and Speech Science (Adj.) at the University of British Columbia, and Guest Professor, Department of Otolaryngology/Head & Neck Surgery at West China Hospital of Sichuan University. He develops and evaluates hearing diagnostics, assessment procedures, and devices for individuals for hearing impairment. His research has been applied in both clinical and occupational health settings and to early identification and intervention programs for adult and pediatric populations. Dr. Soli has been an advisor to the National Institute on Deafness and Other Communication Disorders and to the National Research Council. He has also served as a consultant to the FDA’s Ear, Nose, and Throat Device Panel. He is a Senior International Advisor to the Chinese Academy of Audiological Rehabilitation and to the Chinese Rehabilitation and Research Center for Disabled Children.

*** ALL ARE WELCOME ***

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