Author Index
Preface
Factors influencing loudness perception in people with cochlear hearing loss
Otoacoustic emissions from normal hearing subjects: Some experimental results in connection to psychoacoustics
Noise spectrum discrimination by severe-to-profoundly hearing-impaired listeners
Simulations of spectral masking with a model incorporating an optimal decision strategy
Perception of intensity and frequency modulation in people with normal and impaired hearing
Perception of amplitude modulated narrowband noise by sensorineural hearing-impaired listeners
Modeling modulation perception: Modulation low-pass filter or modulation filterbank?
Perceptual grouping of tone sequences in normal and impaired hearing
Workshop 1: Loudness perception in normal and hearing-impaired listeners and dynamic compression
Computer-controlled speech audiometric techniques for the assessment of hearing loss and the evaluation of hearing aids
Adaptive estimation of psychometric functions in psychoacoustics and speech audiology
Confusion analysis in the assessment of speech perception and hearing aids
Speech processing hearing aids for the profoundly hearing impaired
Temporal resolution and the importance of temporal envelope cues for speech perception
Considerations relative to speech intelligibility prediction and to perceptual evaluation of hearing aids
Models of speech perception and psychoacoustics
Predicted speech intelligibility and loudness in model-based preliminary hearing-aid fitting
Auditory evoked potentials during speech perception
Workshop 2: Speech perception and hearing aids
DeRecruitment by multi-band compression in hearing aids
Dynamic compression hearing aids
The effects of syllabic compression on speech intelligibility in hearing impaired
Technical assessment of fast compression hearing aids
Psychophysical evaluation of fast compression systems
Perceptual models for hearing aid algorithms
Evaluation of dynamic compression algorithms using a loudness model for hearing impaired listeners
Binaural psychoacoustics and models
Asymmetry in interaural HRTF of dummy head and individual persons
Binaural localization model resolving front/back and up/down incidence directions
Prospects and limitations of microphone-array hearing aids