

CIAP 2011 Poster Program

MONDAY/TUESDAY

ABSTRACT No.	Author	Topic	Title
A1-a	Aronoff	bilateral	The Relationship Between Place Mismatch and Detection in Noise Thresholds with Simulated Cochlear Implants
A1-b	Wong	bilateral	Binaural Processing is Abnormal in Children Receiving Bilateral Cochlear Implants Sequentially
A2	Kan	bilateral	Effect of Mismatched Place-of-Stimulation on Binaural Sensitivity in Bilateral Cochlear-Implant Users
A3	Schafer	bilateral	An Android Auditory Training App For Sequential Bilateral Cochlear Implant Users
A4	Tillein	bilateral	Binaural Time-Intensity Trading in Congenital Deafness
A5-a	Strahl	clinical	Electrically Evoked Post-Auricular Muscle Response In A Cochlear Implant User
A5-b	Brickman	EAS	Bimodal Simulations of Speech Discrimination in Noise: Effects of Loudness Mismatch Between Devices
A6	Tahmina	EAS	The Contributions Of Harmonics To The Benefits Of Electroacoustic Stimulation
A7	Gifford	EAS	Combined electric and binaural acoustic stimulation: improved speech recognition in complex listening environments
A8	Neuman	EAS	The Effect of Hearing Aid Bandwidth on Bimodal Benefit for Cochlear Implant Users with Severe Hearing Loss in the Hearing Aid Ear
A9	Whitmal	EAS	Comparisons of Mandarin and English sentence perception in EAS simulations
A10-a	Rode	retro	Identifying Coding Properties along Isofrequency Laminae of the ICC to improve Speech Perception in AMI Patients
A10-b	Tolosa	surgery	Flexible Neural Electrode Arrays

A11-a	Mussoi	electrophys	Changes In Behavioral T- And C-Level Profiles As A Function Of Mean Stimulation Level
A11-b	Chandan	electrophys	Improving Electrically Evoked Compound Action Potential Measures For Setting Current Levels In Cochlear Implantees
A12	Ahmad	electrophys	Electrophysiological Recording During Cochlear Implantation: Results in Animals and Humans
A13	Etler	electrophys	C-levels, ECAP Thresholds and Impedance Values for Infants who use the Nucleus Hybrid S12 CI
A14	Greisiger	electrophys	Evoked Compound Action Potentials Versus Implant Evoked Electrical Auditory Brainstem Responses In Cochlear Implant Recipients
A15	Johnson	electrophys	Cortical Representations Of Time-Varying Cochlear Implant Stimulation In Awake Primate
A16-a	Todd	language	The Influence of Phonotactic Probability on Repetition Accuracy of Nonwords by Children with Cochlear Implants
A16-b	Fraser	Music	The Effect of Frequency Response on Music Perception by Cochlear Implant Users
A17	Nittrouer	language	Emergent Literacy Skills Of Kindergarten Children With Cochlear Implants
A18	Zhang F	Music	The Mismatch Negativity Evoked by Pitch Contour Changes in Cochlear Implant Users
A19	Marozeau	Music	Some Cochlear Implant Recipients Can Better Perceive Music Than Normal Hearing Listeners: A Case Study
A20-a	Wu	Pitch	Place-Pitch Contour Discrimination Interference In Cochlear Implant Users
A20-b	Oba	plasticity	Attention/Memory Training Does Not Improve Auditory Performance for Cochlear Implant Users
A21	Rajguru	optical	Infrared Neural Stimulation of Cochlear Spiral Ganglion with Angle-polished Optical Fibers
A22	Gaudrain	Pitch	Pulse Train Irregularity Detection in Normal-Hearing Listeners and Cochlear Implant Users

A23	Tan	Pitch	Behavioral and physiological measure of frequency mismatch in cochlear implantees
A24-a	Goupell	psycho	Observing The Enhancement Effect In Cochlear-Implant Listeners
A24-b	Park M	psycho	Temporal Modulation Transfer Functions For Child And Adult Cochlear Implant And Normal-Hearing Listeners
A25	Srinivasan	psycho	Relating Loudness Growth to Virtual Channel Discrimination
A26	Wang	psycho	Enhancement Effects In Cochlear-Implant Users
A27	Bowling	regeneration	Changes In Ecap Amplitude-Growth Functions Over Time After Neurotrophin Treatment
A28-a	Reuter	optical	Optoacoustic stimulation of the Organ of Corti in situ and of isolated cells
A28-b	Richter	optical	Channel Interaction During Infrared Neural Stimulation
A29-a	Mejia	signal	Linked Bilateral Noise Reduction Processing for Cochlear Implants Users
A29-b	Frohne-Büchner	signal	Benefit Of Directional Microphone Systems From Hearing Aids For Cochlear Implant Users
A30	Hamilton	signal	Silicon Cochlea Models for Enhancing Cochlear Implant Research
A31	Churchill	signal	Speech Perception Improves With Randomization Of Starting Phases In Harmonic Complex Excited Vocoder
A32	Hu H	signal	Enhanced SPARSE Speech Processing Strategy for Cochlear Implants
A33-a	Varsavsky	signal	A Patient-Specific Cochlear Implant Sound Coding Strategy Using a Model Of Electric Stimulation
A33-b	Varsavsky	signal	Application Of Real-Time Loudness Models Can Improve Speech Recognition For Cochlear Implant Users
A34	Hoepner	signal	Evaluation of an algorithm for transient noise suppression in Cochlea-Implant systems

A35	Boyle	signal	Insights Into Multi-Channel Automatic Gain Control And Cochlear Implant Users
A36-a	Haumann	Speech	Prediction Of Success With Cochlear Implants Using Novel Measurement Procedures
A36-b	Potts	Speech	Evaluation Of Multiple Processing Options Available With The Nucleus System 5 Device Using The R-Space™
A37-a	Bhargava	Speech	Phonemic Restoration Of Speech In Users Of Cochlear Implants
A37-b	Philips	Speech	Correlation Between Spread Of Excitation Measurements And Speech Perception In Adult Cochlear Implant Users
A38	Holden	Speech	Factors Affecting Cochlear Implant Outcomes
A39	Boisvert	Speech	Results of a multicenter study on cochlear implantation in patients with long-term monaural sound deprivation; does choice of ear matter?
A40	Lazard	Speech	Cerebral organization and cochlear implantation outcome in post-linguistically deaf adults
A41	Luo	Speech	Speech Recognition In Background Music With Cochlear Implants
A42	Mens	Speech	Noise Suppresion And Cochlear Implant Speech Understanding In Auralized Reverberant Sound Fields
A43	Kirk	Speech	The Multimodal Lexical Sentence Test for Adults: Performance of Listeners with Hearing Loss
A44	Paasche	surgery	Growth Of Tissue Around Cochlear Implant Electrodes – Indications From Impedance Measurements

TUESDAY / WEDNESDAY

ABSTRACT No.	Author	Topic	Title
B1-a	Lin	bilateral	Central Masking With Bilateral Cochlear Implants
B1-b	Misurelli	bilateral	Effects Of Auditory Experience On Spatial Release From Masking In Children

B2	Hess	bilateral	The Emergence Of Sound Localization Abilities In Toddlers Who Use Bilateral Cochlear Implants
B3	Noel	bilateral	Psychophysical Measures of Sensitivity to Interaural Time Difference Encoded in the Envelope and the Fine Structure with Bilateral Cochlear Implants
B4	Hancock	bilateral	Neural ITD coding and phase locking to pulse trains with cochlear implants: Effects of interpulse jitter and anesthesia
B5-a	Vickers	clinical	Is Candidacy Responsible For The Improvements Seen In Cochlear Implant Outcomes?
B5-b	Maloff	EAS	Spectral Ripple Density and Complex Speech Perception Performance In Normal Hearing and Cochlear Implant Listeners
B6	Tsay	clinical	Using Semi-Automated Software Tool For Programming Multiple Cochlear Implants In A Telemedicine Setting
B7	Brill	EAS	Cochlear Implantation in Single Sided Deafness: SRM in Speech Perception and Localization of Sound Sources
B8	Firszt	EAS	Cochlear Implantation In Adults With Asymmetric Hearing Loss
B9	Rader	EAS	Simulation Data And A Model Approach For Speech Perception With Electric-Acoustic Stimulation (Eas)
B10	Zhang, T	EAS	Auditory training in noise with patients with combined electric and acoustic stimulation
B11-a	Desmond	electrophys	Using ECAP Forward Masking Patterns To Predict Missing Information
B11-b	Akhoun	electrophys	ECAP as a predictor of optimal stimulation rate in individuals?
B12	Akhoun	electrophys	ECAP artefact rejection with independent component analysis
B13	Heffer	electrophys	Auditory Nerve: Large Differences in Fiber Response
B14	Friesen	electrophys	Age-Related Changes and the Effect of Stimulation Pulse Rates on Cortical Processing and Speech Perception in Cochlear Implant Listeners
B15	Undurraga	electrophys	Electrically Evoked Auditory Brainstem Responses to Different Pulse Shapes
B16-a	Boons	language	Predictors Of Language Outcomes In Children One To Three Years After Cochlear Implantation
B16-b	Zhu	Music	Polyphonic Contour Identification in Cochlear Implants

B17	Yeager	language	The Development Of Speech Perception In Children With Cochlear Implants
B18	Marozeau	Music	The Effect Of Perceptual Cues On Auditory Streaming In Cochlear Implant Listeners
B19	Buyens	Music	Music Preference Study With Cochlear Implant Recipients Using Multi-Track Recordings
B20	Jones	psycho	On the Mechanism of Spectral-Ripple Discrimination by Cochlear Implant Users
B21	Deeks	Pitch	Correspondence Between Behavioral And Objective Measures Of Temporal Rate Pitch In Cochlear Implant Listeners
B22	Goldsworthy	plasticity	Improvements In Rate Discrimination After Training In Adult Cochlear Implant Recipients
B23-a	Vermeire	Pitch	A Frequency-Place Map For Electrical Stimulation In Cochlear Implants: Change Over Time
B23-b	Lai	psycho	The Effect of Stimulation Rate on Forward Masking Functions
B24	van den Hoek	psycho	Categorical loudness growth measurements in CI users
B25-a	Isaiah	regeneration	Regional Protective Effects Of Chronic Intracochlear Stimulation Within The Cochlea In A Ferret Model Of Cochlear Implantation
B25-b	Calixto	retro	Stimulating The Inferior Colliculus: The Effect Of Electrode Size
B26	Wise	regeneration	The Use Of A Cochlear Implant And Cell-Based Therapies To Promote Nerve Survival
B27	Meyer	regeneration	In Vitro and In Vivo Effects of Rolipram on Spiral Ganglion Cells and Dendritic Cells via Nanoparticle Carriage
B28-a	Karg	signal	Effects of Charge Distribution of Consecutive Stimulation Pulses in Cochlear Implant Patients
B28-b	Chowdhury	signal	Effect Of Filterbank Parameters On Speech Perception Through Cochlear Implants: A Simulation Study
B29	Khing	signal	Effect Of Fast AGC On Cochlear Implant Speech Intelligibility
B30	Hersbach	signal	Noise Reduction Using Spatially Derived SNR For Cochlear Implant Sound Processing
B31a	Vollmer	Plasticity	Aud. experience enhances temporal processing in deaf juvenile and long-deaf aud. systems: Comparisons b/w aud. midbrain and cortex

B31-b	Sang	signal	Supervised Sparse Coding In Cochlear Implants
B32-a	Nie K	signal	Preliminary Results with a Harmonic Single Sideband Encoding Strategy for Improving Temporal Fine Structure Coding in CIs
B32-b	Schatzer	signal	A Bio-Inspired Nonlinear Filter Bank For Cochlear Implant Speech Processors
B33	Goldwyn	signal	Constructing Patient-Specific Cochlear Implant Models From Monopolar And Tripolar Threshold Data
B34	Vandali	signal	A F0 rate-pitch coding strategy for cochlear implants
B35-a	Pals	Speech	Listening Effort With Cochlear Implants And Electric Accoustic Stimulation – A Simulation Study
B35-b	Muralimanohar	Speech	Effect Of Target And Masker Gender On The Perception Of Speech By Normal-Hearing (Nh) Listeners Using Cochlear Implant (Ci) Simulations
B36-a	Benard	Speech	Perceptual Learning Of Interrupted Speech With Cochlear-Implant Simulations
B36-b	Xi	Speech	Standardized Mandarin Sentence Perception in Babble Noise Test Materials for Children
B37	Sagi	Speech	Modeling Speech perception in Noisy by CI Users
B38	Mahadevan	Speech	Cochlear implant model using Mel-Frequency Cepstral Coefficients
B39	Azadpour	Speech	Transmission of Speech Temporal Information at Different Electrode Locations In CI And ABI Users
B40	Mc Laughlin	Speech	Using Sound Segregation Cues to Improve Cochlear Implant Vowel Recognition in Noise
B41	Winn	Speech	Normalization To Talker Gender And F0: Phonetic Category Adjustment By Cochlear Implant Users
B42	Tan	surgery	Continuous impedance measurement tool during electrode insertion
B43	Min	surgery	A Polymer Based Intracochlear Electrode for Low Cost, but Highly Effective Cochlear Implantation
B44	Hernandez	optical	Optogenetic Stimulation Of The Auditory Nerve: Toward An Optical Cochlear Prosthetic

WEDNESDAY/THURSDAY

ABSTRACT No.	Author	Topic	Title
C-1a	Mauger	ABI/signal	Is Auditory Brainstem Implant Stimulus Rate Limiting Speech Perception Outcomes?
C-1b	Zheng	bilateral	Development of sound localization strategies in children with bilateral cochlear implants and with normal hearing
C2	Faulkner	bilateral	Evidence For Benefit From Mismatched Binaural Speech Processors For Speech In Noise: Glimpsing Or Combination Of Spectral Cues Across Ears?
C3	He	bilateral	Effects of Interaural Electrode Channel Offset on the Binaural Interaction Component of the Electrically Evoked Cortical Auditory Potential
C4	Fitzgerald	bilateral	Effect of Acute Between-Ear Frequency Mismatches on Speech Understanding in Users of Bilateral Cochlear Implants
C5-a	Lovett	bilateral	Criteria of Candidacy for bilateral cochlear implantation in children
C5-b	Skoruppa	language	Developing a linguistic system through cochlear implants:A multiple case study of four- to seven-year old deaf children learning German
C6	Boons	language	Improved Language Outcomes For Children With Bilateral Cochlear Implants
C7-a	Ardoit	EAS	Presenting Low-Frequency Cues Visually In Simulations Of Electric-Acoustic Stimulation
C7-b	Yoon	EAS	Consonant Recognition in Quiet and in Noise with Combined Electric and Acoustic Stimulation
C8	Yang	EAS	Frequency contour detection and Mandarin monosyllable perception in native Mandarin Chinese speakers with electric-acoustic hearing
C9	Ito	EAS	Effects Of Electric Pitch Adaptation On Acoustic+Electric Speech Perception In Long-Electrode Cochlear Implant Users

C10	Visram	EAS	Mechanisms Of Bimodal Speech Benefit
C11	Lenssen	EAS	Emphasizing Modulations In Vowels Improves Perception Of Interaural Time Differences In Bimodal Stimulation
C12	Brown	EAS	Cortical Evoked Potentials Recorded From Hybrid Ci Users: Effect Of Stimulation Mode And Programming Strategy
C13-a	Basta	electrophys	The Usefulness And Limitations Of Spread Of Excitation Measurements For The Individual Fitting Of Virtual Channels
C13-b	De Vel	electrophys	Variability In Intracochlear Electrical Spread Patterns
C14	Nie Y	electrophys	Auditory Stream Segregation In Ci Simulations:Evidence From Event-Related Potentials
C15	Ding	electrophys	Temporal Processing of Vocoded Speech in Human Auditory Cortex
C16	Berenstein	electrophys	EFI and In Vitro Field Measurements to Assess the Effect of Current Focusing and Current Steering Inside and Outside the Scala Tympani
C17	Finley	electrophys	Ectopic Electrical Stimulation In Cochlear Implants
C18	Crew	Music	Music Perception By Cochlear Implant Users
C19	Marimuthu	Music	Role Of Brightness In Pitch Perception Tasks: Implications For Cochlear Implant Place Pitch
C20-a	Matic	optical	Infrared Neural Stimulation Of The Chronically Deafened Cochlea As Seen From The Inferior Colliculus
C20-b	Maier	optical	Responses of the Cochlea to NIR LASER Stimulation in Thermal and Stress Confinement
C21	Song	other	Study On The Tonotopy Of Polymer Membranes Mimicking The Human Basilar Membrane
C-22a	Bader	Pitch	Pitch Of Dual-Electrode Stimuli As A Function Of Rate And Electrode Separation
C22-b	Fredelake	Speech	Simulation of Cochlear Implant Users' Speech Intelligibility Performance Using a Spiking Auditory Model
C23	Yuan	Pitch	Preliminary Investigation of the Relationship Among Place Pitch, Musical Pitch and Speech Recognition of Cochlear Implant Users

C24-a	Wang N	Speech	The Modulation of Auditory Feedback on Speech Production in Children with Cochlear Implant
C24-b	Alkhamra	Speech	Cognitive Effort and the Perception of Speech by Adult CI users: A Survey
C25	Kwon	Speech	The Importance Of Segregation In Masking Release
C26a	Hanekom, J	Psych	Modelling Of Central Auditory Nervous System Processing In Cochlear Implant Mediated Hearing
C26-b	Wong	plasticity	Hemispheric Lateralization of Cortical Responses in Children Using Bilateral Cochlear Implants
C27	Poissant	Speech	The Effects Of Multiple, Very Early Refelctions On Vocoded Speech Perception
C28	Lazard	Speech	Better Acoustic Simulation Of Cochlear Implants
C29	Kaandorp	Speech	The Influence of Linguistic Skills on Speech Recognition in Noise in Cochlear Implant Users
C30	Faulkner	plasticity	Auditory Training in Adult Cochlear Implant Listeners using Spectrally-Rippled Noise Stimuli in an Adaptive, Single-Interval, Paradigm
C31-a	Fielden	psycho	Forward Masking To Evaluate Place Specificity Using Monopolar And Tripolar Stimulation
C31-b	Stone	psycho	The Dynamic Range Involved In Accessing Temporal Fine Structure In The Presence Of A Modulated Masker
C32	Zhou	psycho	The Effects Of Pulse Rate On Detection Thresholds And Maximum Comfortable Loudness Levels In Humans With Cochlear Implants
C33-a	Mauger	signal	Cochlear Implant Optimized Gain Function for SNR Based Noise Reduction
C33-b	Milczynski	signal	Evaluation Of F0 Extraction Algorithms For Better F0 Coding In Future Cochlear Implant Processors
C34	Koning	signal	The Enhancement Of Onsets In The Speech Envelope Increases Speech Intelligibility In Noise Vocoder Cochlear Implant Simulations
C35	Nicoletti	signal	Model-based validation framework for coding strategies in cochlear implants

C36-a	Visser	signal	Speech Perception In A Competing-Talker Background With Temporal Fine Structure
C36-b	Qazi	signal	Performance of CI subjects using time-frequency masking based noise reduction
C37	Saoji	signal	How Does Phantom Electrode Stimulation Produce A Lower Pitch Senation Than The Most Apical Electrode In Cochlear Implants?
C38	Gärtner	signal	Spread-Of-Excitation Measurements Using Masker And Probe Electrodes Which Are Both Current Steered
C39	Veau	signal	Investigating the Auditory Nerve Fiber Response through Numerical Modeling of the Cochlea to Compare Current Shaping Strategies
C40-a	Wise 2	surgery	Development Of An Improved Cochlear Electrode Array For Use In Experimental Studies
C40-b	Eastwood	regeneration	Long term hearing protection in the guinea pig model of cochlear implantation with locally delivered dexamethasone
C41	Cushing	surgery	High-Resolution Cone-Beam Ct: A Potential Tool To Improve Atraumatic Electrode Design And Position
C42	Roland	surgery	Development of a Steerable Cochlear Implant Electrode and a Robotic Insertion System.
C43	Lee	regeneration	Pharmacological and electrical stimulus responses of spontaneously active spiral ganglion neurons on CNT electrode arrays
C44	Kandathil	regeneration	Effects Of Brain-Derived Neurotrophic Factor (Bdnf) On The Cochlear Nucleus In Cats Deafened As Neonates

THURSDAY / FRIDAY

ABSTRACT No.	Author	Topic	Title
D1-a	Monaghan	bilateral	Exploring The Benefit From Enhancing Envelope ITDs For Listening In Reverberant Environments
D1-b	Battmer	bilateral	Restoration Of Binaural Hearing With A Cochlear Implant In Single Sided Deaf Subjects
D2-a	Shin	bilateral	Binaural Benefits With and Without a Bilateral Mismatch in Acoustic Simulations of Cochlear Implant Processing

D2-b	Tillery	EAS	The Benefits Of Acoustic Cues For Cochlear Implant Users In Reverberation
D3	Verhaert	bilateral	Speech intelligibility in quiet and in noise and sound localization abilities for Digisonic® SP Binaural cochlear implant users
D4	Birtch	bilateral	Effect Of Head Movement On Sound Localization In Unilateral, Bimodal And Bilateral Cochlear Implantees
D5	Laback	bilateral	Tonotopic Symmetry Of Itd-Based Lateralization And Channel Interference
D6	Dillon	EAS	Investigation Of The Electric-Acoustic Stimulation (Eas) Cochlear Implant Alone Listening Condition And Speech Perception In Noise
D7	Hu Y	EAS	The Contributions Of Non-Integer Multiples Of F0 To The Benefits Of Electroacoustic Stimulation
D8			withdrawn
D9	Moore	EAS	Pitch Perception In Bimodal Listeners
D10	Zhang T	EAS	Spectral processing and speech recognition in bimodal implant users
D11-a	Holmes	electrophys	Estimating behavioural threshold from ECAP variability: Comparison of physiological data with a computational model
D11-b	McCreery	electrophys	A Microelectrode Array For Chronic Recording Of Single-Unit Neuronal Activity In The Inferior Colliculus Of The Cat
D12-a	Schoenecker	electrophys	Effects Of Amplitude Modulation Of Pulse Trains And Pure Tones On Neuronal Activation Patterns Recorded In Auditory Midbrain
D12-B	Farrington	other	Electroporation of adherent cells with cochlear implant stimulation
D13	Schwarz	electrophys	ECAP Signals: Sigmoidal Fitting Functions For Amplitude Growth Sequences
D14	Undurraga	electrophys	Spread of Excitation in Bipolar Mode of Different Pulse Shapes
D15	Hofmann	electrophys	Auditory Steady State Responses To High-Rate Stimuli In Cochlear-Implant Users
D16	Verbist	language	Language Production in Prelingual and Postlingual Hearing Impaired Adults: an fMRI Study

D17	Wechsler-Kashi	language	Lexical Organization In Children With Cochlear Implants
D18-a	Fuller	Music	Musical Experience And Quality Of Life In Cochlear Implant Recipients
D18-b	Azadpour	psycho	A Psychophysical Method for Measuring Spatial Resolution in Cochlear Implants
D19	Torppa	Music	Cortical Processing Of Musical And Speech Sounds In Early-Implanted Children – Role Of Musical Activities
D20-a	Jung	optical	Optical And Electrical Co-Stimulation In The Cochlea
D20-b	Pettingill	regeneration	Enhanced Auditory Neuron Survival Following Cell-Based Bdnf Treatment In The Deaf Guinea Pig
D21	Zhao	optical	Infrared Neural Stimulation of the Cat Cochlea
D22	Hanekom T	other	Modeling Of Peripheral Factors That Affect Neural Excitation In The Electrically Stimulated Cochlea
D23	Milczynski	Pitch	The Effect Of Enhanced Temporal Pitch Cues On Perception Of Mandarin Chinese In Real And Simulated Electric Hearing
D24-b	Duran	signal	Front-End Noise suppression for Bilateral Cochlear implants Using estimated binary masks
D25	Gong	plasticity	Audiovisual Crossmodal Plasticity in Adult Cochlear Implant Users
D26	Li T	psycho	Pitch-related Perception by Bilateral and Bimodal Cochlear Implant Users
D27-a	Spahr	psycho	Stimulation Levels And Subjective Ratings
D27-b	Choi	signal	Cochlear Implant Stimulating Strategy Incorporating Current Steering Scheme and Psychoacoustic Model
D28	Landry	regeneration	Neurotrophin Induced Ectopic Growth Of Peripheral Processes Does Not Compromise The Cochleotopic Organization Of The Implanted Cochlea
D29	Leake	regeneration	Neurotrophic Effects Of Bdnf And Electrical Stimulation In Cats Deafened At Birth

D30	Kalkman	signal	The potential benefits of combining intracochlear current focusing techniques with dual electrode stimulation: a computational study
D31	Li G	signal	Sparse Stimuli Benefit Cochlear Implant Users In Noisy Environment
D32-a	Webb	signal	Acoustic Landmark Detection: Realising A New N-Of-M Speech Processing Strategy For Cochlear Implants
D32-b	Yousefian	signal	A Dual-Microphone Algorithm For Improving Speech Intelligibility In Competing-Talker Listening Situations
D33-a	Won	signal	Speech Perception Based On Acoustic Temporal Fine Structure In Cochlear Implant Listeners
D33-b	Nogueira	signal	Evaluation Of A New Signal Processing Strategy Including A Partial Bipolar Channel To Transmit Low Frequency Information
D34	Hazrati	signal	Suppressing Reverberation In Cochlear Implants Using A Channel-Selection Based Strategy
D35	Saleh	signal	Clinical Fitting of Cochlear Implant Guided by Electrode Discrimination
D36	Büchner	signal	A New Research Implementation Of Mp3000 To Improve Intermediate Pitch Percept Between Electrode Contacts
D37-a	Sheffield	Speech	The Benefit of Residual Acoustic Hearing to Auditory and Auditory-Visual Cochlear-Implant Consonant Perception
D37-b	Chen	Speech	Modeling Speech Intelligibility by Cochlear Implant Users
D38a	Shafiro	Speech	Effects Of Environmental Sound Training On The Perception Of Speech And Environmental Sounds In Cochlear Implant Listeners
D38b	van der Marel	surgery	More Insights Into Cochlear Morphology And The Development Of An Insertion Model
D39	Ji	Speech	Recognition of Synthetic and Natural Speech by Normal-Hearing Listeners and Cochlear Implant Users
D40	Gnansia	Speech	Free-field assessment of temporal auditory processing and speech recognition in cochlear implant users

D41	Drennan	Speech	Stability Of Clinically Meaningful, Non-Linguistic Measures Of Hearing Performance With A Cochlear Implant
D42	Eskridge	Speech	Speech Perception in Music Backgrounds by Cochlear Implant Users and Normal Hearing Listeners
D43	Fu	Speech	Effects of Speaking Styles on Speech Intelligibility by Mandarin-speaking and English-speaking Cochlear Implant Patients
D44	Stakhovskaya	surgery	Predicting The Insertion Depth Of The Hi Focus 1j Electrode Array Based On High Resolution Ct Images