

Session 1 Modeling: Monday 12/14 7:30-8:30,11:15-12:15 EST (UTC-5)

Session #	Paper ID	Authors	Title
1	9	Matti Groll, Victoria McKenna, Surbhi Hablani and Cara Stepp	Formant-estimated vocal tract length and extrinsic laryngeal muscle activation during modulation of vocal effort in healthy speakers
2	32	Yeonggwang Park, Manuel Diaz-Cadiz, Kathleen Nagle and Cara Stepp	Perceptual and acoustic assessment of strain using synthetically modified voice samples
3	36	François-Xavier Brajot	Sources and interactions of long-term phonatory instabilities
4	54	Sam Tilsen and Anne Hermes	Nonlinear effects of speech rate on articulatory timing in singletons and geminates
5	67	Konstantin Sering, Paul Schmidt-Barbo, Sebastian Otte, Martin V. Butz and Harald Baayen	Recurrent Gradient-based Motor Inference for Speech Resynthesis with a Vocal Tract Simulator
6	69	Tanner Sorensen, Mark Tiede, Adam Lammert, Louis Goldstein and Shrikanth Narayanan	Fitts' law in tongue and lip movements of repetitive speech
7	82	Ioannis Douros, Chrysanthi Dourou, Yu Xie, Jacques Felblinger, Karyna Isaieva, Pierre-André Vuissoz and Yves Laprie	Synthesize MRI vocal tract data during CV production
8	96	Pramit Saha, Yadong Liu, Bryan Gick and Sidney Fels	Ultra-Arti-Synth - Articulatory Vowel Synthesis from Ultrasound Tongue
9	104	Asterios Toutios and Shrikanth Narayanan	Simulating anticipatory coarticulation in VCV utterances with a gestural articulatory synthesizer
10	129	Leonardo Lancia, Jinyu Li and Louis Goldstein	Complexity patterns underlying speech production activity
11	142	Debasish Ray Mohapatra, Victor Zappi and Sidney Fels	A comparative study of two-dimensional vocal tract acoustic modeling based on Finite-Difference Time-Domain methods
12	163	Jaekoo Kang, Hosung Nam and Whalen D. H.	Modeling the null space of speech production using flow-based Invertible Neural Networks
13	168	Marc-Antoine Georges, Pierre Badin, Julien Diard, Laurent Girin, Jean-Luc Schwartz and Thomas Hueber	Towards an articulatory-driven neural vocoder for speech synthesis
14	180	Anastasiia Tsukanova, Ioannis Douros and Yves Laprie	DNN-based parametric speech synthesis enhanced with articulatory information
15	191	Mohammed Salah Al-Radhi, Tamás Gábor Csapó and Géza Németh	conTTS: Text-to-Speech Application using a Continuous Vocoder
16	201	Bernd Kroeger, Trevor Bekolay, Peter Blouw and Terence Stewart	Developing a model of speech production using the Neural Engineering Framework (NEF) and the Semantic Pointer Architecture (SPA)
17	218	Alexei Kochetov, Christophe Savariaux, Laurent Lamalle, Camille Noûs and Pierre Badin	Malayalam three-way rhotic contrast: Articulatory modelling based on MRI data
18	229	Noor Al-Zanoon, Jacqueline Cummine, Caroline Jeffery and Daniel Aalto	Is styloglossus critical for tongue elevation? A computer simulation investigation of styloglossus recruitment in tongue elevation

Session 2 Speech Motor Control / Neuroscience: Monday 12/14 8:45-9:45, 12:30-13:30 EST (UTC-5)

Session #	Paper ID	Authors	Title
1	12	Benjamin Parrell and Adam C. Lammert	Modeling adaptation in speech motor control
2	19	Camille Vidou, Cristina Uribe, Tarik Boukhalfi, David Labbé and Lucie Ménard	Compensatory responses to real-time perturbation of visual feedback during vowel production
3	21	Nina R Benway, Tara McAllister, Elaine Hitchcock and Jonathan L Preston	Comparing Biofeedback Types for Children with Residual Speech Production Errors on /ɹ/
4	40	Stefanie Keulen, Kat Dobson, Jidde Jacobi, Teja Rebernik, Martijn Wieling, Mark Tiede, Anna Jansen and Philippe Paquier	An electromagnetic articulographic investigation of feedback mechanisms in childhood apraxia of speech.
5	58	Miriam Oschkinat, Simone Dalla Bella, Simone Falk and Philip Hoole	Sensorimotor Adaptation to Temporal Auditory Feedback Perturbation and its Relation to Motor Variability in General Timing Tasks
6	68	Benjamin Parrell, Mark Tiede, Vince Gracco and Doug Shiller	Kinematic evidence of centering during vowel production
7	97	Hannah Rowe, Marc Maffei, Sarah Gutz, Adam Lammert and Jordan Green	Profiling Speech Motor Control: Validation of Novel and Existing Acoustic Features
8	105	Benjamin Parrell and Caroline Niziolek	Formant variability is actively regulated in vowel production
9	106	Pierre Baraduc and Pascal Perrier	Tongue motor control stability: integrating feedback, dynamical internal representation and optimal planning
10	110	Sara-Ching Chao and Ayoub Daliri	Contributions of performance and prediction errors in speech motor learning
11	120	Dan Cameron Burgdorf	Compensation for Altered Feedback in Vowels and Glides
12	136	Robin Karlin, Chris Naber and Benjamin Parrell	Auditory feedback is used for both online and adaptive control of timing in speech
13	143	Hantao Wang and Ludo Max	Does the extent of acoustic variability prior to an auditory perturbation affect motor learning in speech production?
14	153	Jessica Gaines, Hardik Kothare, Inez Raharjo, Kamalini Ranasinghe, Richard Ivry, Benjamin Parrell, Zarinah Agnew, Srikantan Nagarajan and John Houde	State feedback control model can account for differences in abnormal pitch perturbation responses in Alzheimer's disease and cerebellar ataxia
15	158	Jinyu Li and Leonardo Lancia	Speech production in response to multiple perturbations of auditory feedback
16	182	Elizabeth Casserly, Anna Barnes and Lauren Barrett	Speech intelligibility decreases with degradation of somatosensory feedback via topical benzocaine application
17	187	(Withdrawn)	
18	11	Takayuki Ito, Jiachuan Bai and David Ostry	Relationship between sensory memory and speech motor learning
19	15	Jasmine Lee, Annie Gilbert, Shanna Kousaie, Denise Klein and Shari Baum	Exploring the Relationship Between Prosodic Cue Production and Functional Connectivity in the Bilingual Brain
20	29	Roosbeh Behroozmand, Leonardo Bonilha, Chris Rorden, Gregory Hickok and Julius Fridriksson	Impaired Efference Copy Mechanisms of Speech in Post-Stroke Aphasia and the Role of Dorsal Stream Network
21	41	Daniel Lametti and Douglas Shiller	Sensorimotor Learning and Transfer During English and French Sentence Production in Bilinguals
22	46	Mohammad Darainy, Brian Liu and David Ostry	Somatosensory Cortex Involvement in the Consolidation of Speech Motor Learning
23	107	Hilary Miller, Claire Cordella, Jessica Collins, Rania Ezzo, Megan Quimby, Jason Tourville, Frank Guenther and Bradford Dickerson	Evidence for a Phonological Output Buffer in Posterior Inferior Frontal Sulcus from Repetition Deficits in Primary Progressive Aphasia
24	133	Gregg Castellucci, Christopher Kovach, Hiroyuki Oya, Jeremy Greenlee and Michael Long	Dynamics of cortical activity underlying interactive language use
25	144	Caroline Spencer, Jennifer Vannest, Suzanne Boyce, Edwin Maas, Jonathan Preston and Erin Redle	Neural changes in children with residual speech sound disorder (RSSD) after ultrasound biofeedback therapy
26	169	Saul A. Frankford, Shanqing Cai, Jason A. Tourville, Alfonso Nieto-Castañón, Matthew Masapollo, Elizabeth S. Heller Murray and Frank H. Guenther	The Neural Circuitry Underlying the "Rhythm Effect" in Stuttering
27	175	Mariana Vasilita, Oonamaria Toussaint, Uliana Bernatska and Laura Spinu	Exploring the connection between phonetic learning and auditory sensory memory in monolinguals and bilinguals
28	227	Joy Hirsch, Mark Tiede, Adam Noah and Xian Zhang	Neural and acoustic characteristics of agreement vs. disagreement in dyadic debate observed using fNIRS hyperscanning

Session 3 Speech Production Across the Lifespan (Developmental / Elder Speech): Tuesday 12/15 7:15-8:15, 12:30-13:30 EST (UTC-5)

Session #	Paper ID	Authors	Title
1	10	Linda Polka, Matthew Masapollo and Lucie Ménard	Setting the stage for speech production: Infants prefer listening to speech sounds with infant vocal properties
2	26	Mária Gósy	Temporal patterns of Hungarian words across childhood
3	49	Heather Kabakoff, Olesia Gritsky, Joanne Jingwen Li, Samantha Ayala, Elaine R. Hitchcock, Jonathan L. Preston, Daphna Harel, Douglas M. Shiller and Tara McAllister	Tracking development of somatosensory acuity: Age-based comparison of three measures
4	95	Angéline Bourbon and Anne Hermes	Have a break: Aging effects on sentence production and structuring in French
5	103	Elina Rubertus and Aude Noiray	Anticipatory and carryover coarticulation share a similar origin: evidence from child speech
6	109	Stella Krüger and Aude Noiray	Are developmental differences in vocalic lingual anticipation perceivable? Insights from German child and adult listeners.
7	111	Anisia Popescu and Aude Noiray	Coarticulatory organization in beginner readers: a multifactorial interaction approach
8	113	Elina Rubertus and Anisia Popescu	Development of coarticulation: comparing modalities in beginner readers
9	121	Laura Koenig, Areti Okalidou and George Kyriafinis	Comparing short- and longer-term measures of nasal coarticulation in Greek children with cochlear implants and normal-hearing peers
10	128	Elaine R. Hitchcock, Laura L. Koenig and Laura Ochs	Exploring voice onset time, place of articulation, and vowel context in children
11	130	Melissa Xu, Asterios Toutios, Tanner Sorensen and Shrikanth Narayanan	Using real-time MRI to assess the development of jaw contribution in constriction formation synergies during early adolescence
12	132	Fábio Barros, Samuel Silva, Luciana Albuquerque, Ana Rita S. Valente, António Teixeira, Paula Martins and Catarina Oliveira	Towards the use of ultrasonography to study aging effects in vowel production
13	137	Daria D'Alessandro, Angéline Bourbon and Cécile Fougeron	Effect of age on rate and coarticulation across different speech-tasks
14	147	Dzhuma Abakarova, Khalil Iskarous and Aude Noiray	Articulatory strategies and coarticulatory patterns across age
15	167	Mark Gibson, Ferenc Bunta, Charles Johnson and Miriam Huárriz	The development of syllable timing by children with cochlear implants and their peers with normal hearing.
16	230	Anna Kohári, Uwe D. Reichel, Alexandra Markó and Katalin Mády	Breathiness in speech directed to 4-month-old infants

Session 4 Disordered Speech: Tuesday 12/15 9:45-10:45, 15:30-16:30 EST (UTC-5)

Session #	Paper ID	Authors	Title
1	14	Adam Lammert, James Williamson, Nadee Seneviratne, Carol Espy-Wilson and Thomas Quatieri	A Coupled Oscillator Planning Account of the Speech Articulatory Coordination Metric With Applications to Disordered Speech
2	38	Barbara Gili Fivela, Sonia Immacolata d'Apolito and Giorgia Di Prizio	Labialization in Italian Dysarthric Speech by Parkinsonian Speakers
3	56	Alicia Janz, Simon Wehrle and Martine Grice	Effects of unexpectedness on turn-transitions in adults with Autism Spectrum Disorder
4	59	Laura Machart, Anne Vilain, H�el�ene L�evenbruck and Lucie M�enard	Influence of French Cued Speech on consonant production in children with cochlear implants: an ultrasound study
5	60	Emily Garnett, Ho Ming Chow, Megan Sheppard, Gregory Spray and Soo-Eun Chang	Effects of HD-tDCS on speech fluency in adults who stutter: a randomized controlled trial
6	63	Anneke Slis, Cecile Fougeron, Michaela Pernon and Leonardo Lancia	On the use of low-level spectral features to distinguish speakers with Parkinson's disease from typical speakers.
7	73	Jidde Jacobi, Teja Rebernik, Roel Jonkers, Ben Maassen, Michael Proctor and Martijn Wieling	Characterizing tongue tremor in Parkinson's disease using EMA
8	75	Adam Vogel and Benjamin Schultz	Features of speech and swallowing dysfunction in pre-ataxic Spinocerebellar Ataxia Type 2
9	76	Benjamin Schultz and Adam Vogel	A machine learning algorithm to identify neuromuscular speech disorders from acoustic profiles
10	78	Benjamin Schultz and Adam Vogel	Automated extraction of voice onset time in healthy and pathological speech
11	83	Ramona Schreier, Simone Dalla Bella, Philip Hoole and Simone Falk	Verbal timing deficits in stuttering
12	90	Virginie Roland, V�eronique Delvaux, Kathy Huet, Myriam Piccaluga and Bernard Harmegnies	Imprecision of vowel production as a potential subclinical marker in Parkinson's disease
13	92	Milica Jani�c, Teja Rebernik, Pauline Veenstra, Emma Wissink, Martijn Wieling, Michael Proctor	Vowel production in congenitally blind and sighted Australian English speakers
14	101	Anneke Slis, Christophe Savariaux, Silvain Gerber, Maeva Garnier and Pascal Perrier	Complexity of Rhythmic Tapping Task and Stuttering
15	108	Tabea Thies, Doris Muecke, Richard Dano and Michael T. Barbe	Correlation between levodopa response and acoustic parameters of prominence marking as well as tongue body movements in patients with Parkinson's disease
16	114	Tanya Talkar, James Williamson, Daniel Hannon, Hrishikesh Rao, Sophia Yuditskaya, Douglas Sturim, Kajal Claypool, Lisa Nowinski, Hannah Saro, Carol Stamm, Maria Mody, Chris McDougale and Thomas Quatieri	Assessment of Speech Subsystem Interactions in Children with Autism Spectrum Disorder
17	125	Graham Flick, Florencia Assaneo, Joan Orpella and Eric S. Jackson	Temporal Dynamics of Stuttered Speech
18	138	Daniel M. Low, Elyse Shenberger, Kate H. Bentley, Randy P. Auerbach, Stewart Shankman and Satrajit S. Ghosh	Automated assessment of mental health symptoms using audio and text features from speech
19	149	Mairym Llorens Monteserin	Variability in duration of Tourette's verbal tics that are temporally adjacent to speech
20	162	No�e Xiu, B�eatrice Vaxelaire, Jean-Fran�ois Rodier, Pierre-Philippe Volkmar and Rudolph Sock	Post-thyroidectomy and Perturbation of Aerodynamic and Acoustic Parameters
21	164	Nadee Seneviratne, Carol Espy-Wilson, James Williamson, Adam Lammert and Thomas Quatieri	Classification of Depression by Quantifying Neuromotor Coordination Using Inverted Vocal Tract Variables
22	166	Maeva Garnier, Anneke Slis, Christophe Savariaux and Ana�s Da Fonseca	Physiological continuum of atypicality between fluent and stuttered stop consonants
23	185	Maureen Stone, Natalie Miller, Ghady Alsaty, Lisa Honig, Joshua Lubek, Jiachen Zhuo and Jerry Prince	Does asymmetry in tongue anatomy affect asymmetry in tongue position? Glossectomy and control subjects.
24	196	Yashish Maduwantha H P E R S, Carol Espy-Wilson, Deanna L. Kelly and Chris Kitchen	Inverted Vocal Tract Variables and Facial Action Units to Quantify Neuromotor Coordination in Schizophrenia
25	203	Heather Kabakoff, Graham Tomkins Feeny, Daphna Harel, Mark Tiede, Jonathan L. Preston, D.H. Whalen and Tara McAllister	Characterizing Sensorimotor Profiles in Children with Residual Speech Errors
26	215	Judit B�ona, Veronika Svindt and Ildik�o Hoffmann	Voice onset time of Hungarian voiceless plosives in Multiple Sclerosis
27	231	Mona Franke, Christopher T. Kello, Philip Hoole and Simone Falk	Temporal organization during oral reading in children and adolescents who stutter
28	242	Caterina Petrone, Melody Zira, Christelle Zielinski, Elisa Sneed German and No�mie Moreau	Speech planning in question-response interactions from a clinical perspective

Session 5 Methods / Speech Technology: Wednesday 12/16 7:30-8:30, 11:15-12:15 EST (UTC-5)

Session #	Paper ID	Authors	Title
1	6	Teja Rebernik, Jidde Jacobi, Roel Jonkers, Aude Noiray and Martijn Wieling	Experimental approaches in electromagnetic articulography
2	16	Simon Stone and Peter Birkholz	Articulation-to-Speech using Electro-Optical Stomatography and articulatory synthesis
3	17	Simon Stone, Peter Birkholz, Atilla Azgin and Sabrina Mänz	Prospects of Articulatory Text-to-Speech Synthesis
4	25	Riwei Jin, Xi Peng and Brad Sutton	Shortening total acquisition times for high speed dynamic speech magnetic resonance imaging using temporally sparse navigation
5	34	Kele Xu, Tamás Gábor Csapó, Dawei Feng and Haibo Mi	Ultrasound Tongue Gestural Sequence Classification Using Convolutional Auto-encoder and Recurrent Neural Network
6	81	Ioannis Douros, Yu Xie, Chrysanthi Dourou, Jacques Felblinger, Karyna Isaieva, Pierre-André Vuissoz and Yves Laprie	Vocal tract sagittal slices estimation from MRI midsagittal slices during speech production of CV
7	85	Karyna Isaieva, Yves Laprie, Alexis Houssard, Jacques Felblinger and Pierre-André Vuissoz	Tracking the tongue contours in rt-MRI films with an autoencoder DNN approach
8	88	Kohichi Ogata, Kento Yamamoto and Masami Ito	Usefulness of inverse estimation using a vocal tract mapping interface for estimating articulatory behavior
9	91	Yujie Chi, Kiyoshi Honda, Zhao Zhang and Jianguo Wei	Comparison of External Photoglottogram and Electrolottogram
10	93	Aravind Illa and Prasanta Ghosh	Complexity-performance trade-off in acoustic-to-articulatory inversion
11	94	Anusuya P K, Aravind Illa and Prasanta Ghosh	A data-driven phoneme-specific analysis of articulatory importance
12	99	Nuno Almeida, Samuel Silva, António Teixeira and Conceição Cunha	Collaborative Quantitative Analysis of RT-MRI
13	126	Amélie Elmerich, Angélique Amelot, Shinji Maeda, Yves Laprie, Jean-François Papon and Lise Crevier-Buchman	F1 and F2 measurements for French oral vowel with a new pneumotachograph mask
14	155	Ganesh Sivaraman, Nadee Seneviratne and Carol Espy-Wilson	Multitask learning based multi-corpus acoustic-to-articulatory speech inversion
15	160	Pramit Saha, Debasish Ray Mohapatra and Sidney Fels	SPEAK WITH YOUR HANDS - Using Continuous Hand Gestures to control Articulatory Speech Synthesizer
16	161	Wei-Rong Chen, Mark Tiede and D. H. Whalen	DeepEdge: automatic ultrasound tongue contouring combining a deep neural network and an edge detection algorithm
17	188	Tamás Gábor Csapó, Kele Xu, Andrea Deme, Tekla Etelka Grácsi and Alexandra Markó	Transducer Misalignment in Ultrasound Tongue Imaging
18	194	Hardik Kothare and Vikram Ramanarayanan	Remote monitoring of respiratory function using a cloud-based multimodal dialogue system
19	195	Jessica Gaines, Kwang Kim, Benjamin Parrell, Vikram Ramanarayanan, Srikantan Nagarajan and John Houde	Discrete constriction locations describe a comprehensive range of vocal tract shapes in the Maeda model
20	208	Jalal Al-Tamimi and Pertti Palo	Quantifying gradience of epilaringeal constriction in Levantine Arabic "gutturals": A Generalized Additive Modelling approach to ultrasound tongue contours
21	213	Jalal Al-Tamimi, Matthias Heyne and Donald Derrick	From SS-ANOVA to GAMMs: Accounting for within and between-subject variation using generalized additive mixed models on ultrasound tongue contours
22	234	Matthew Faytak, Scott Moisik and Pertti Palo	The Speech Articulation Toolkit (SATKit): ultrasound image analysis in Python
23	45	Donna Erickson, Oliver Niebuhr, Wentao Gu, Ting Huang and Puyang Geng	The MARRYS cap: A new method for analyzing and teaching the importance of jaw movements in speech production

Session 6 Speech Prosody: Wednesday 12/16 8:45-9:45, 12:30-13:30 EST (UTC-5)

Session #	Paper ID	Authors	Title
1	13	Christopher Carignan, Núria Esteve-Gibert, H��l��ne L��evenbruck, Marion Dohen and Mariapaola D'Imperio	Alignment of head nods in French focus: an EMA study
2	23	Lena Pagel, Simon Roessig and Doris M��cke	Modifications of tongue body kinematics as a focus marking strategy in German
3	28	Maolin Wang, Zhouyu Chen and Lijie Hua	A study on the pattern of focal lengthening in Chinese
4	42	Lia Saki Bucar Shigemori and Marianne Pouplier	Realization of F0 on vocalic and consonantal nuclei in Slovak
5	47	Jelena Krivokapic, Will Styler and Dani Byrd	The role of speech planning in the articulation of pause postures
6	71	Yubin Zhang	Consonant F0 is not intrinsic perturbations: A case study of Nuosu Yi
7	102	Ioana Chitoran, Giuseppina Turco and Hiyon Yoo	Durational effects of boundaries in Italian fricatives
8	116	Doris Muecke, Tabea Thies, Jane Mertens and Anne Hermes	Age-related effects of prosodic prominence in vowel articulation
9	140	(Withdrawn)	
10	154	Pamela Trudeau-Fisette, Marie Bellavance-Courtemanche and Lucie Menard	Prosodic strengthening at the edges of prosodic boundaries in sighted and blind adult speakers
11	159	Karen Tsai, Jiyoung Jang and Argyro Katsika	The role of prominence in phrase-final lengthening: a cross-linguistic comparison
12	170	Christopher Geissler, Jason Shaw, Mark Tiede and Fang Hu	Eccentric C-V timing across speakers of diaspora Tibetan with and without lexical tone contrasts
13	189	Seung-Eun Kim and Sam Tilsen	Temporal localization of syntactically conditioned prosodic information
14	202	Isabelle Franz, Christine Knoop, Gerrit Kentner, Sascha Rothbart and Winfried Menninghaus	Syllable prominence and prosodic phrasing in spoken prose
15	205	Ludger Paschen, Susanne Fuchs and Frank Seifart	Phonological vowel length interacts with final lengthening
16	220	Rael Stanley, Marija Tabain, David Bradley and Defen Yu	Tone and Phonation in Northern Lisu
17	226	Gerrit Kentner, Isabelle Franz, Christine Knoop and Winfried Menninghaus	Pause duration and other prosodic boundary cues are not monotonically correlated
18	236	Christian DiCanio and Jared Sharp	Initial weakening in Mixtecan Languages?
19	239	Una Chow	Acoustic correlates of question-final Cantonese tones
20	165	Maeva Garnier, Marine Barb��, John Smith and Joe Wolfe	Tuning of vocal tract resonances in shouted voice

Session 7 Wide World of Speech Production: Thursday 12/17 7:30-8:30, 11:15-12:15 EST (UTC-5)

Session #	Paper ID	Authors	Title
1	65	Donna Erickson, Sayoko Takano, Yongwei Li, Jaiyin Gao, Shigeto Kawahara, Kerrie Obert, Kyoko Takahashi and Masato Akagi	Source and filter contributions to voice quality differences
2	77	Ian Calloway	An analysis of the articulatory factors contributing to perceptual asymmetry
3	123	Alexis Dehais Underdown, Paul Vignes, Didier Demolin and Lise Crevier Buchman	Human Beatboxing : A preliminary study on temporal reduction
4	150	Chenhao Chiu, Bo-wei Chen and Yining Weng	Vowel acoustics and tongue postures across different head angles
5	157	Venkata Praneeth Srungarapu, Pramit Saha and Sidney Fels	Speed-Accuracy Trade-off In Speech Production
6	165	(Moved to Session 6 Speech Prosody)	
7	173	Yueh-Chin Chang, Feng-Fan Hsieh, Song Jiang, Jing Huang and Tzu-Hsuan Yang	How retroflex apical vowels can be suffixed with the rhotic suffix in Mandarin dialects
8	190	Defne Abur, Joseph Perkell and Cara Stepp	Effects of Vocal Effort on Respiratory and Articulatory Kinematics
9	192	Ajinkya Kulkarni, Ioannis Douros, Vincent Colotte and Denis Jouviet	Emotion recognition from phoneme-duration information
10	193	Elisabeth Lynn, Shrikanth Narayanan and Adam Lammert	Vocal Tract Shaping and Dark Tone Quality - An Investigation Using Real-Time MRI
11	210	Asuka Ono, Momoko Nakatani, Ai Nakane, Junji Watanabe and Sadao Hiroya	Effects of vibrotactile stimuli on perception of voiced and unvoiced bilabial stop consonants in noise
12	222	Juergen Trouvain, Raphael Werner, Susanne Fuchs and Bernd Möbius	Exploring the presence and absence of inhalation noises when speaking and when listening
13	223	Alina Zöllner, Christine Mooshammer, Oksana Rasskazova and Susanne Fuchs	Breathing affects reaction time in simple and delayed naming tasks
14	233	Didier Demolin	Speech embodiment and non-pulmonic consonants
15	235	Annalisa Paroni, Nathalie Henrich Bernardoni, Christophe Savariaux, Pierre Baraduc, Pascale Calabrèse and Hélène Lœvenbruck	Beatboxing, is it talking?
16	237	Pertti Palo	Can we detect initiation of tongue internal changes before overt movement onset in ultrasound?

Session 8 Speech Articulation: Thursday 12/17 8:45-9:45, 12:30-13:30 EST (UTC-5)

Session #	Paper ID	Authors	Title
1	3	(Withdrawn)	
2	31	Tsukasa Yoshinaga, Kazunori Nozaki and Akiyoshi Iida	Relationships between turbulent flow configuration and sound source location of Japanese sibilant fricatives
3	33	Philip Hoole, Stefano Coretta, Christopher Carignan, Esther Kunay, Arun Joseph, Dirk Voit and Jens Frahm	Control of larynx height in vowel production revisited: A real-time MRI study
4	35	Andrea Deme, Márton Bartók, Tamás Gábor Csapó, Tekla Etelka Grácsi and Alexandra Markó	Acoustic and articulatory vowel variation as quality shift and increased variance in anticipatory and carryover vowel-to-vowel coarticulation
5	48	Ivy Hauser	Vowel coarticulation with alveopalatal sibilants in Mandarin
6	52	Anne Hermes, Reinhold Greisbach and Ioana Chitoran	Probing the limits of coordination: Word onset clusters in Georgian
7	66	Louise Ratko, Michael Proctor and Felicity Cox	Asymmetries in the kinematics of Australian English vowel gestures
8	79	Sarah Harper	Variability of articulatory dimensions relates to their role in distinguishing phonological categories for individual speakers
9	98	Kevin Roon, Philip Hoole, Chakir Zeroual, Shihao Du and Adamantios Gafos	Stiffness and articulatory overlap in Moroccan Arabic consonant clusters
10	100	Bowei Shao and Rachid Ridouane	Apical vowels' are not vowels: acoustic and ultrasound evidence from Jixi-Hui Chinese
11	112	(Withdrawn)	
12	119	Rion Iwasaki, Kevin D. Roon, Jason A. Shaw and D. H. Whalen	Lingual articulatory evidence of Japanese devoiced vowels: /u/ still there?
13	135	Miran Oh, Dani Byrd, Louis Goldstein and Shrikanth S. Narayanan	Velum-oral timing and its variability in Korean nasal consonants
14	139	Conceição Cunha, Samuel Silva, António Teixeira, Nuno Almeida, Jens Frahm and Arun Joseph	First Results of an RT-MRI study on the influence of context in the synchronization of European Portuguese nasal vowels
15	156	Maida Percival, Tamás Gábor Csapó, Márton Bartók, Andrea Deme, Tekla Etelka Grácsi and Alexandra Markó	Tongue root and voicing in Hungarian singleton and geminate obstruents
16	172	Didier Demolin, Sergio Hassid and Shi Yu	Effects of glottal impedance on subglottal pressure: evidence from voiceless aspirated, non-aspirated and ejectives stops
17	181	Christine H Shadle, Weirong Chen, Laura Koenig and Jonathan L Preston	Acoustic variability of fricatives in normal adults
18	206	Fabian Tomaschek	Positional variability of articulatory gestures: Effects of practice and linguistic proficiency
19	209	Donna Erickson, Jihyeon Yun, Jiayin Gao and Kerrie Obert	Interaction between phonation mode and pharyngeal narrowing: A pilot EGG study
20	211	Shuwen Chen, D.H. Whalen and Peggy Pik Ki Mok	Articulatory and acoustic features of Mandarin rhotics: an ultrasound study
21	212	Tekla Etelka Grácsi, Tamás Gábor Csapó, Andrea Deme, Kornélia Juhász and Alexandra Markó	Tongue root position in VC sequences with regard to the phonetic realisation of obstruent voicing: A preliminary study on Hungarian
22	240	Caroline Crouch, Argyro Katsika and Ioana Chitoran	Sonority, order, and overlap in Georgian syllable onsets
23	53	Anne Hermes, Sam Tilsen and Rachid Ridouane	Cross-linguistic timing contrast in geminates: A rate-independent perspective

Session 9 L2 Speech: Friday 12/18 7:30-8:30, 11:15-12:15 EST (UTC-5)

Session #	Paper ID	Authors	Title
1	4	Claire Honda, Annie Gilbert, Natalie Phillips and Shari Baum	Electrophysiological correlates of lexical stress perception in bilinguals
2	22	Martijn Bartelds, Caitlin Richter, Mark Liberman and Martijn Wieling	Measuring foreign accent strength using an acoustic distance measure
3	43	Antoine Serrurier and Christiane Neuschaefer-Rube	Towards articulatory comparison between French and German from MRI data
4	45	(Moved to Session 5 Methods)	
5	50	Boram Kim	Acoustic and articulatory Correlates of lexical-stress in Mandarin accented English
6	53	(Moved to Session 8 Speech Articulation)	
7	57	Hung-Shao Cheng, Matthew Masapollo, Christina Hagedorn and Adam Buchwald	Gestural coordination in non-native onset clusters: An electromagnetic articulography study
8	61	Lisanne de Jong and Martijn Wieling	Using ultrasound tongue imaging to improve L2 English pronunciation in Dutch students
9	74	Yung-Hsiang Shawn Chang	An articulatory investigation of Mandarin speakers' production of English /r/
10	89	Alexandra Markó, Márton Bartók, Tamás Gábor Csapó, Tekla Etelka Grácsi and Andrea Deme	Subsegmental differences between accented and unaccented vowels in Hungarian?
11	127	Sarah Bakst and Caroline Niziolek	Error detection and correction in L1 and L2
12	152	Laura Spinu, Jiwon Hwang and Nadya Pincus	Phonetic and Phonological Learning in Monolinguals and Bilinguals
13	177	Crystal Gilbert, Beckie Dugaillard, Marianna Krivoshaev and Laura Spinu	Differences in Articulatory Skill Between Monolinguals and Multilinguals of Different Backgrounds: An Acoustic Study of Tongue Twisters
14	178	Natalie Mosseri, Hadassa Dorville and Jenny Santiago	Teaching the expression of emotion in English to native speakers of tone languages: a gamified approach
15	179	Feng-Fan Hsieh and Yueh-Chin Chang	Beyond Simplex and Complex: Gestural coordination in L2 English
16	198	Anna Maria La Franceschina	The role of segmental and suprasegmental information in the perception of foreign-accented English by native and non-native speakers
17	199	Rawan Hanini, Mariagrazia Sciannantena, Michelle Ciccone and Laura Spinu	A Comparison of Geminate Attrition in the Speech of Arabic and Italian Immigrants Living in the United States
18	204	Sadao Hiroya and Takemi Mochida	Formant-altered auditory feedback on non-native vowel production

Session 10 Interaction Effects / Phonetic Convergence: Friday 12/18 8:45-9:45, 12:30-13:30 EST (UTC-5)

Session #	Paper ID	Authors	Title
1	5	Martijn Wieling, Mark Tiede, Teja Rebernik, Lisanne de Jong, Anouck Braggaar, Martijn Bartelds, Masha Medvedeva, Penny Heisterkamp, Tom Freire Offrede, Hedwig Sekeres, Anna Pot, Mara van der Ploeg, Karin Volkers and Gregory Mills	A novel paradigm to investigate phonetic convergence in interaction
2	7	Kimberly Dahl and Cara Stepp	Relative fundamental frequency under increased cognitive load in healthy speakers
3	18	Rintaro Ogane, Jean-Luc Schwartz and Takayuki Ito	Orofacial somatosensory inputs enhance speech intelligibility in noisy environments
4	37	Hong Zhang	Effect of alcohol intoxication on the production of (dis)fluent repetitions
5	39	Ching Chu Sun and Peter Hendrix	N-gram frequency effects on speech production in German and Mandarin Chinese
6	55	Laura Smorenburg and Willemijn Heeren	The effect of phonetic context on speaker information in nasal consonants
7	64	Yamei Wang and Harim Kwon	Do nonwords induce convergence?
8	72	Benjamin Parrell and Caroline Niziolek	Increased vowel contrast induced by adaptation to a non-uniform auditory perturbation in speech
9	84	Matthias K. Franken, Robert J. Hartsuiker, Petter Johansson, Lars Hall and Andreas Lind	Sense of agency is flexible during speech production
10	118	Yadong Liu, Terrina Chan, Gracellia Purnomo and Bryan Gick	Talking while smiling: Suppression in an embodied model of coarticulation
11	124	Reed Blaylock	Time to target attainment in singing and speech
12	131	Elise LeBovidge, Churan Li and Ludo Max	Toward understanding the limiting factors in speech auditory-motor adaptation: a new look at perceptual targets
13	134	Monique Tardif, Jennifer Pardo and Tim Bressmann	Phonetic Accommodation to Hypernasal Speech
14	141	Jeffrey E. Kallay, Ulrich Mayr and Melissa A. Redford	The Role of Narrative Coherence on Speech Motor Planning
15	145	Chelsea Sanker	Vowel Systems in Convergence
16	197	Sireemas Maspong and Francesco Burrioni	Functional Load modulates speech production, but not speech perception: Evidence from Thai vowel length
17	200	Harim Kwon	Do changes in shadowing predict those in subsequent productions?
18	216	Motoki Saito, Fabian Tomaschek and Harald Baayen	An ultrasound study of frequency and coarticulation
19	217	Motoki Saito, Fabian Tomaschek and Harald Baayen	Semantic measures determining coarticulatory movements of the tongue tip
20	219	Sejin Oh, Jason Shaw, Alexei Kochetov and Karthik Durvasula	Russian palatalization as incomplete neutralization
21	221	Anna Gutnyk, Oliver Niebuhr and Wentao Gu	The Role of Audience Gender in Giving Product Presentations
22	224	Aleksandra Cwiek and Susanne Fuchs	Hand-mouth coordination in a pointing task requiring manual precision
23	228	Hélène Serré, Amélie Rochet-Capellan, Marion Dohen and Susanne Fuchs	Speaking while moving: Does the head compensate for the hands not being able to move?
24	238	Vivian Guo Li, Sejin Oh, Garima Chopra, Joshua Celli and Jason A. Shaw	Articulatory correlates of morpheme boundaries: preliminary evidence from intra- and inter-gestural timing in the articulation of the English past tense
25	241	Heather Weston, Susanne Fuchs and Amélie Rochet-Capellan	Speech during light physical activity: Effect on F0 and intensity