SST2016 Tutorial Day
Female Orphan School, Western Sydney University, Parramatta South Campus

	Tuesday 6 December 2016	
9:00-9:30	Tutorial Day Registration	
	Conference room 1, EZ.G.23	Conference room 3, EZ.G.36
9:30-12:30	An introduction to Generalized Additive Mixed Models *Professor Harald Baayen, University of Tübingen* (full day tutorial)	Language and cognitive development in bilingual infants *Associate Professor Leher Singh, National University of Singapore* (half day tutorial)
12:30-1:30	Lunch	
	Conference room 1, EZ.G.23	Conference room 3, EZ.G.36
1:30-4:30	An introduction to Generalized Additive Mixed Models *Professor Harald Baayen, University of Tübingen* (full day tutorial)	Investigating speech production using the X-ray microbeam database *Dr Michael Proctor, Macquarie University* (half day tutorial)
5:30 onwards	Student and Early Career Researcher Drinks *The Commercial Hotel, Parramatta*	

SST2016 Conference
Novotel Sydney Parramatta

Wednesday 7 December 2016

8:00-9:00	Atrium
	Conference Registration
9:00-9:30	Lennox 1
	Welcome to Country/Opening Address
9:30-10:30	Lennox 1
	Keynote Address
	Professor Shrikanth Narayanan
	University of Southern California
10:30-11:00	Atrium
	Morning Tea Break

	Oral Sessions 11:00-12:15	
	Linden	Lennox 1
	L1 ACQUISITION	SPEECH PROSODY I
11:00-11:25	Fundamental frequency characteristics of infant vocalisations: A study in voice quality *Adele Gregory and Marija Tabain*	Perception of statement and question intonation: Cantonese versus Mandarin *Una Chow*
11:25-11:50	3-year-olds produce pitch contours consistent with Mandarin tone 3 sandhi *Nan Xu Rattanasone, Ping Tang and Katherine Demuth*	Prosodic characteristics of Japanese polite speech spoken by native and non-native speakers *Chiharu Tsurutani, Shuju Shi and Nobuaki Minematsu*
11:50-12:15	The role of positive affect in the acquisition of word-object associations *Nicole Traynor, Karen Mulak, Rachel Robbins, Gabrielle Weidemann and Paola Escudero*	Accentual lengthening in 5-year-old AusE-speaking children: Preliminary results *Ivan Yuen, Nan Xu Rattanasone, Elaine Schmidt, Gretel Macdonald, Rebecca Holt and Katherine Demuth*
12:15-1:05	Atrium	
	Lunch	

	Oral Sessions 1:05-2:20	
	Linden	Lennox 1
	AUSTRALASIAN LANGUAGES	L2 ACQUISITION I
1:05-1:30	A comparative ultrasound study of manner contrasts in Arrernte and Kannada: Manner contrasts *Marija Tabain, Alexei Kochetov, Richard Beare and Narayan Sreedevi*	Tailoring phonetic learning to the needs of individuals on the basis of language aptitude *Mark Antoniou and Melissa Blair*
1:30-1:55	Verbal reduplication and minimal words in Kaytetye *Forrest Panther, Mark Harvey, Harold Koch, Myfany Turpin and Michael Proctor*	L2 phonological category formation and discrimination in learners varying in L2 experience *Mona Faris, Catherine Best and Michael Tyler*
1:55-2:20	Short vowels in l1 Aboriginal English spoken in South-Western Victoria *Deborah Loakes, Janet Fletcher, John Hajek, Joshua Clothier and Ben Volchok*	The effects of training order and intensity on the perception and production of English /e/-/ae/ by Cantonese ESL learners *Janice Wing Sze Wong*

Wednesday 7 December 2016 (continued)		
2:20-2:40	Atrium	
	Afternoon Tea Break	
	Oral Sessions 2:40-3:55	
	Linden	Lennox 1
	APPLICATIONS OF SPEECH SCIENCE AND TECHNOLOGY	SOCIOPHONETICS
2:40-3:05	An Australian version of the QuickSin speech in noise test *Peter Blamey, Elaine Saunders, Maryam Zargarbashi and Jeremy Blamey*	Similarity in global accent promotes learning of specific-accent markers across speakers *Ann-Kathrin Grohe, Margarita Downing and Andrea Weber*
3:05-3:30	Using optical flow and electromagnetic articulography in multimodal speech research *Samantha Gordon Danner, Louis Goldstein, Eric Vatikiotis-Bateson, Robert Fuhrman and Adriano Barbosa*	Patterns of gender variation in the speech of primary school-aged children in Australian English: The case of /p t k/ *Casey Tait and Marija Tabain*
3:30-3:55	Acoustic monitoring of speech impairment in motor neuron disease associated with frontotemporal dementia: A case series *Matthew Poole, Amy Brodtmann, David Darby and Adam Vogel*	Change in Māori focus/topic ko: The impact of language contact on prosody *Sasha Calhoun, Naoko Yui and Karena Kelly*
4:00-4:15	Lennox 1	
	Official Conference Opening	
4:15-5:30	Special plenary session to celebrate the 30th SST conference	
5:30-7:30	Atrium	
	Welcome reception with canapés and drinks	

Thursday 8 December 2016

9:00-10:00	Lennox 1		
	Keynote Address		
	Associate Professor Leher Singh *National University of Singapore*		
10:00-10:30	Atrium		
	Morning Tea Break		

Oral Sessions 10:30-12:10

	Lennox 1	Lennox 2	Lennox 3
	SPEECH PERCEPTION I	SPECIAL SESSION: EFFECTS OF EARLY LANGUAGE ENVIRONMENT AND LINGUISTIC INPUT ON THE DEVELOPMENT OF SPEECH PERCEPTION SKILLS IN THE FIRST YEARS OF LIFE	ARTICULATORY PHONETICS
10:30-10:55	Disambiguation of Australian English vowels *Tunde Szalay, Titia Benders, Felicity Cox and Michael Proctor*	Does a vowel by any other accent sound the same … to toddler ears? *Catherine T. Best, Christine Kitamura, Sophie Gates, and Angela Carpenter*	Exploring articulatory characteristics of linking /ɹ/ in British English *Mitsuhiro Nakamura*
10:55-11:20	Regional priming in Australian English kit, dress and trap vowels *Michael Walker, Anita Szakay and Felicity Cox*	Measuring sensitivity to phonological detail in monolingual and bilingual infants using pupillometry *Katalin Tamalasi, Thilanga D. Wewalaarachchi, Barbara Hanohle and Leher Singh*	Tongue positions corresponding to formant values in Australian English vowels *Arwen Blackwood Ximenes, Jason A. Shaw and Christopher Carignan*
11:20-11:45	The relative contributions of duration and amplitude to the perception of Japanese-accented English as a function of L2 experience *Saya Kawase, Jeesun Kim and Chris Davis*	Sensitivity to vowel, consonant and tone variation in early childhood *Thilanga D. Wewalaarachchi and Leher Singh*	Nasal aerodynamics and coarticulation in Bininj Kunwok: Smoothing spline analysis of variance *Hywel Stoakes and Janet Fletcher*
11:45-12:10	The role of closure duration in the perception of word-initial geminates in Kelantan Malay *Mohd Hilmi Hamzah, Janet Fletcher and John Hajek*	The effects of allomorphic variation on children's acquisition of plural morphology *Benjamin Davies, Nan Xu Rattanasone and Katherine Demuth*	Preliminary investigations into the Australian English articulatory vowel space *Louise Ratko, Michael Proctor, Felicity Cox and Sean Veld*
12:10-1:10	Atrium	Lennox 1	
	Lunch	ASSTA Annual General Meeting	

Thursday 8 December 2016 (continued)		
Oral Sessions 1:10-2:25		
Lennox 1	Lennox 2	Lennox 3
BILINGUALISM	FORENSIC SPEECH SCIENCE I	SPEECH REGISTERS
1:10-1:35 The early bilingual influence on speech and music processing *Liquan Liu*	Preliminary performance comparison between PCAKLR and GMM-UBM for computing the strength of speech evidence in forensic voice comparison *Hanie Mehdinezhad and Bernard Guillemin*	Free labeling of audio-visual attitudinal expressions in German *Hansjörg Mixdorff, Angelika Hönemann and Albert Rilliard*
1:35-2:00 Monolingual and bilingual adults can successfully learn foreign language words implicitly *Hana Zjakic, Alba Tuninetti and Paola Escudero*	Impact of various GSM network factors on forensic voice comparison *Balamurali Nair, Esam Alzqhoul and Bernard Guillemin*	An analysis of Lombard Effect on Thai lexical tones: The role of communicative aspect *Chariya Boontham, Chutamanee Onsuwan, Tanawan Saimai and Charturong Tantibundhit*
2:00-2:25 The bilingual advantage in the language processing domain: Evidence from the verbal fluency task *Gloria Pino Escobar, Marina Kalashnikova and Paola Escudero*	Adapted Gaussian Mixture Model in likelihood ratio based forensic voice comparison using long term fundamental frequency *Carolin Elisabeth Buncle Diesner and Shunichi Ishihara*	Whispered and Lombard speech: Different ways to exaggerate articulation *Chris Davis and Jeesun Kim*
2:25-2:50	Atrium Afternoon Tea Break	
Oral Sessions 2:50-4:05		
Lennox 1	Lennox 2	Lennox 3
SPEECH PERCEPTION II	SPEECH ENHANCEMENT	PITCH ACCENT
2:50-3:15 Revisiting the interlanguage speech intelligibility benefit *Chang Shu, Ian Wilson and Jeremy Perkins*	Comparison of speech enhancement algorithms for forensic applications *Ahmed Hasan, David Dean, Bouchra Senadji and Vinod Chandran*	Searching for importance: Focus facilitates memory for words in English *Heather Kember, Jiyoun Choi and Jenny Yu*
3:15-3:40 Speech normalization across speaker, sex and accent variation is handled similarly by listeners of different language backgrounds *Gloria Pino Escobar, Josephine Terry, Buddhamas Pralle Kriengwatana and Paola Escudero*	A Kalman filter algorithm with joint metrics-based tuning for single-channel speech enhancement *Stephen So, Aidan George, Ratna Ghosh and Kuldip Paliwal*	Pitch accent type affects lexical activation in German: Evidence from eye tracking *Katharina Zahner, Muna Schönhuber, Janet Grijzenhout and Bettina Braun*
3:40-4:05 Cross-accent word recognition is affected by perceptual assimilation *Sarah Wright, Mark Lathouwers, Catherine Best and Michael Tyler*	A comparison of estimation methods in the discrete cosine transform modulation domain for speech enhancement *Aidan George, Christine Pickersgill, Belinda Schwerin and Stephen So*	Evidence and intonational contours: An experimental approach to meaning in intonation *Byron Ahn, Stefanie Shattuck-Hufnagel and Nanette Veilleux*

	Thursday 8 December 2016 (continued)		
4:05-4:30	Atrium		
	Late Afternoon Tea Break		
	Oral Sessions 4:30-5:45		
	Lennox 1	Lennox 2	Lennox 3
	MORPHOPHONOLOGY	SPEECH SYNTHESIS	LEXICAL TONE
4:30-4:55	"She has many... cat?": On-line processing of L2 morphophonology by Mandarin learners of English *Valeria Peretokina, Catherine T. Best, Michael D. Tyler and Bruno Di Biase*	A noise-robust linear prediction analysis for efficient speech coding *Aadel Alatwi, Stephen So and Kuldip Paliwal*	Comparing normalisation strategies for citation tone F0 in three Chinese dialects *Philip Rose*
4:55-5:20	Pause acceptability is predicted by morphological transparency in Wubuy *Brett Baker and Rikke Bundgaard-Nielsen*	Synthesizing attitudes in German *Angelika Hoenemann and Petra Wagner*	Normalization of Zhangzhou citation tones *Yishan Huang, Mark Donohue, Paul Sidwell and Phil Rose*
5:20-5:45	Morphological status and acoustic realization: Findings from New Zealand English *Julia Zimmermann*	Exploring text to speech synthesis in non-standard languages *Jesin James, Catherine Watson and Deepa Gopinath*	Perception of tonal contrasts: High-variability perceptual training with iconic visual information *Yan Chen*
6:10	Buses departing for conference dinner		
6:30-10:30	Conference Dinner *Lachlan's Old Government House*		

Friday 9 December 2016

9:00-10:00	Lennox 1	
	Keynote Address	
	Professor Harald Baayen	
	University of Tübingen	
10:00-11:15	Maddison	
	Morning Tea Poster Session	

	Oral Sessions 11:15-12:55	
	Lennox 1	Lennox 2/3
	INFANT-DIRECTED SPEECH	AUTOMATIC SPEECH RECOGNITION
11:15-11:40	Exploring the association of infant temperament on maternal fundamental frequency contours *Alix Woolard*	
11:40-12:05	Emotion-related explanations of the vowel variability in infant-directed speech *Titia Benders*	Noise-robust linear prediction cepstral features for network speech recognition *Aadel Alatwi, Stephen So and Kuldip Paliwal*
12:05-12:30	Bridging processing and learning: The role of affect processing on infant word learning *Jessica Bazouni, Liquan Liu, Gabrielle Weidemann and Paola Escudero*	Formant dynamics and durations of um improve the performance of automatic speaker recognition systems *Vincent Hughes, Paul Foulkes and Sophie Wood*
12:30-12:55	Exploring quantitative differences in mothers' and fathers' infant-directed speech to Australian 6-month-olds *Christa Lam-Cassettari and Paige Noble*	Eigenfeatures: An alternative to Shifted Delta Coefficients (SDC) for language identification *Sarith Fernando, Vidhyasaharan Sethu and Eliathamby Ambikairajah*
12:55-1:45	Atrium	
	Lunch	

	Oral Sessions 1:45-3:25	
	Lennox 1	Lennox 2/3
	ACOUSTIC PHONETICS	SPEECH EMOTION RECOGNITION
1:45-2:10	Secondary tongue retraction in Arabic emphatics: An acoustic study *Hamed Altairi, Catherine Watson and Jason Brown*	Lacking vision: Insights into the automatic classification of emotion in AMC's the walking dead *Joanne Quinn*
2:10-2:35	Sound change or experimental artifact? A study on the impact of data preparation on measuring sound change *Catherine Watson and Zoe Evans*	Depression prediction via acoustic analysis of formulaic word fillers *Brian Stasak and Julien Epps*
2:35-3:00	Temporal correlates of Lopit singleton and geminate glides *Rosey Billington*	Time to embrace emotion change: Selecting emotionally salient segments for speech-based emotion prediction *Zhaocheng Huang and Julien Epps*
3:00:3:25	Child Kriol has stop distinctions based on VOT and constriction duration *Rikke Bundgaard-Nielsen, Brett Baker and Elise Bell*	Continuous spoken emotion recognition based on time-frequency features of the glottal pulse signal within stressed vowels *Li Tian and Catherine Watson*

Friday 9 December 2016 (continued)		
3.25-3:45	Atrium	
	Afternoon Tea Break	
	Oral Sessions 3:45-5:00	
	Lennox 1	Lennox 2/3
	CROSS-LANGUAGE VOWEL PERCEPTION	FORENSIC SPEECH SCIENCE II
3:45-4:10	Can Australian English listeners learn non-native vowels via distributional learning? *Jia Hoong Ong, Josephine Terry and Paola Escudero*	The effect of sampling procedures on the performance of likelihood ratio based forensic voice comparison: F0 distributional parameters *Shunichi Ishihara*
4:10-4:35	The relationship between Australian English speakers' non-native perception and production of Brazilian Portuguese vowels *Jaydene Elvin, Paola Escudero, Daniel Williams and Catherine Best*	Exploring forensic accent recognition using the Y-ACCDIST system *Georgina Brown*
4:35-5:00	Lebanese Arabic listeners find Australian English vowels easy to discriminate *Ronda Aboultaif, Jaydene Elvin, Daniel Williams and Paola Escudero*	Holistic perception of voice quality matters more than L1 when judging speaker similarity in short stimuli *Eugenia San Segundo, Paul Foulkes and Vincent Hughes*