2015 INTERNATIONAL CONFERENCE ON SPEECH SCIENCES (ICSS 2015)

NOV. 20-21 2015 EWHA WOMANS UNIV. SEOUL KOREA

Hosted by
Korean Society of Speech Sciences (KSSS)
Ewha Institute of English and American Studies, Ewha Womans University
Institute of Humanities, Seoul National University

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Variability in Speech Sounds

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Keynote Speakers

Prof. Dr. Tracey Derwing
University of Alberta & Simon Fraser University, Canada

"Why Variability across L2 Learners should Influence the Instruction of English Pronunciation"

Dr. Derwing is a professor emeritus in the Department of Educational Psychology (TESL program) at the University of Alberta and an adjunct professor in the Department of Linguistics at Simon Fraser University. Her research grew out of teaching experiences with adult Vietnamese students learning English. Although many had a strong grasp of grammar and vocabulary, most struggled with intelligibility. She started teaching a stand-alone pronunciation course, and simultaneously developed a lifelong interest on issues of L2 pronunciation—intelligibility, comprehensibility, accent, and fluency. Dr. Derwing met another researcher at the same institution—Murray Munro—and together they started a 35 year collaboration investigating L2 speakers' speech and listeners' reaction to it. Their latest endeavour is a book entitled *Pronunciation Fundamentals: Evidence-based Perspectives for L2 Teaching and Research*.

Prof. Dr. Jack J Jiang

University of Wisconsin School of Medicine and Public Health, USA

"The Modeling of Vocal Fold Vibration and its Clinical Implementations"

Dr. Jiang is Director of the Otolaryngic Biomedical Engineering Research Center and the Laryngeal Physiology Lab at the University of Wisconsin School of Medicine and Public Health. He has published over 230 original manuscripts in the area of voice measurement and disorders, and serves on the editorial boards for the Laryngoscope, Journal of Otolaryngology-Head and Neck Surgery, Annals of Otology, Rhinology, and Laryngology, and the Journal of Voice. He has served on Study Sections for the Center for Scientific Review of NIH since 1998, and he is a 2001 recipient of a Presidential Early Career Award for Scientists and Engineers (PECASE). He is an ASHA fellow and serves as a member of the publications board for ASHA. Dr. Jiang's research focuses on objective pathological laryngeal function assessments, laryngeal physiology, biomechanics of vocal fold vibration, medical instrumentation, and medical software development and application.

Prof. Dr. Alexander Waibel

Carnegie Mellon University, USA & Karlsruhe Institute of Technology, Germany

"Bridging the Language Divide"

Dr. Alexander Waibel is a Professor of Computer Science at Carnegie Mellon University, Pittsburgh and at the Karlsruhe Institute of Technology, Germany. He is the director of the International Center for Advanced Communication Technologies (interACT). The Center works in a network of eight international top research institutions. Its mission is to develop multimodal and multilingual human communication technologies that improve human-human and human-machine communication. Prof. Waibel's team developed and presented the first speech translation systems in Europe & USA (1990/1991 (ICASSP'91)), the first road sign translator, the world's first simultaneous lecture translation system (2005), and Jibbigo, the world's first speech translator on a phone (2009). Dr. Waibel was a founder and served as chairmen of C-STAR, the Consortium for Speech Translation Advanced Research in 1991. He directed and coordinated many research programs in speech, translation, multimodal interfaces and machine learning in the US, Europe and Asia. He served as director of EU-Bridge, a large scale European multi-site Integrated Project initiative aimed at developing speech translation services for Europe; and of CHIL one of the largest Integrated Project efforts on Multimodal smart spaces. He also served as co-director of IMMI, a joint venture between KIT, CNRS & RWTH and as principal investigator of several US and European research programs on machine learning, language portability and performance. During his career, Waibel founded and built 10 successful companies. The latest, Jibbigo, built and distributed commercially the world's first speech-translator on a smart phone. Jibbigo was acquired in 2013 by Facebook and Dr. Waibel served as founding director of the Facebook Language Technology Group in 2013-14. Since 2007, Dr. Waibel and his team developed and deployed language technologies in humanitarian and disaster relief missions to improve communication between healthcare providers and patients. The team also builds and deploys interpretation support tools for Universities and the European Parliament. Dr. Waibel is a Fellow of the IEEE and has received many awards for pioneering work on neural network learning, multimodal and multilingual speech communication and translation technology. He has published extensively (650+ publications, >22,000 citations, h-index 76) in the field, and received many patents. Dr. Waibel received his BS, MS and PhD degrees at MIT and CMU, respectively.

Important Dates

Early bird registration: by November 10, 2015
Conference: November 20-21, 2015

For Authors

Twenty minutes are allotted to each oral presentation including discussion. If you want to use your own device for the presentation, please let the organizer know it in advance before the conference. If you give the poster presentation, please make sure that the size of the panel for your poster presentation is 90 cm (horizontal) * 120 cm (vertical). You can bring your poster to the conference and attach it to the panel with the tools provided by the organizer.
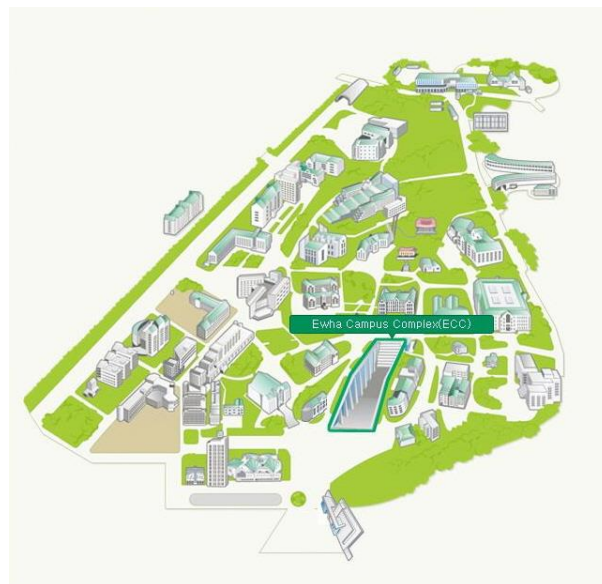
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Registration

The conference fee includes the proceedings, the banquet on November 20th and lunch on November 21st. To qualify for the early bird rate, pre-registration must be received by email on or before November 10, 2015 (17:00 KST). Overseas participants do not have to pay the conference fee in advance when they submit the pre-registration. They can pay the early-bird registration fee on-site provided that they send the pre-registration form to the secretariat by November 10, 2015. All payments must be in Korean Won (KRW). Credit cards are not accepted. Participants from Korea should use the separate pre-registration form that is provided by KSSS.

		Full	Students
KSSS member	Early	70,000 KRW	40,000 KRW
	On-site	80,000 KRW	50,000 KRW
Non-member	Early	80,000 KRW	50,000 KRW
	On-site	90,000 KRW	60,000 KRW

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Venue

ECC (Ewha Campus Complex), Ewha Womans University
52, Ewhayeodae-gil, Seodaemun-gu, Seoul 120-750, Korea

Subway to Ewha Womans University
      Subway Green line #2 Ewha Womans Univ. Station

Buslines to Ewha Womans University
      1. Ewha Womans Univ. Station
            - Blue: 163, 170, 171, 172, 270, 271, 273, 371, 472, 602, 603, 700, 705, 721, 751
            - Green: 5711, 5712, 5713, 5714, 6716, 7017, 7611, 7712

- Red: 1000,1100, 1200, 9600, 9602, 9706

    2. Ewha Back Gate
- Blue: 161, 272, 370, 470, 601, 708, 750, 751
- Green: 6714, 7017, 7736, 7737
- Red: 9101, 9600, 9601, 9602, 9706, 9713
- Yellow: 7736, 7737

Accommodation

Participants should make their own arrangements for accommodation. Here is the list of some of reliable hostels and hotels in central Seoul. Availability and the room rate are not guaranteed.

Seoul International YH
Web: https://www.hihostels.com/hostels/seoul-seoul-international-yh
Distance to venue: 47 minutes by subway
Room rate: 15,000~140,000 KRW per night (Room types vary.)

Ever8 Serviced Residence
Web: http://www.ever8.co.kr/
Distance to venue: 5 minutes on foot
Room rate (Group rate): 100,000~120,000 KRW per night

Fraser Suites Insadong Seoul
Web: http://frasersuitesseoul.co.kr/
Distance to venue: 38 minutes by subway
Room rate: 170,000~190,000 KRW per night

Koreana Hotel
Web: http://www.koreanahotel.com/
Distance to venue: 32 minutes by subway
Room rate: 180,000~200,000 KRW per night

IBIS Ambassador Myeongdong
Web: https://ibis.ambatelen.com/myeongdong/main.amb
Distance to venue: 30 minutes by subway
Room rate: 190,000~210,000 KRW per night

Pacific Hotel
Web: http://www.thepacifichotel.co.kr/
Distance to venue: 40 minutes by subway
Room rate: 230,000~260,000 KRW per night

Hotel President
Web: http://www.hotelpresident.co.kr/
Distance to venue: 30 minutes by subway
Room rate: 220,000~270,000 KRW per night

Somerset Palace Seoul
Web: http://www.somersetpalace.co.kr/
Distance to venue: 30 minutes by bus
Room rate: 220,000~240,000 KRW per night

Fraser Place Namdaemun Seoul
Web: http://www.fpns.co.kr/
Distance to venue: 30 minutes by subway

Room rate: 250,000~270,000 KRW per night

Sejong Hotel
Web: https://www.sejong.co.kr/eng/
Distance to venue: 41 minutes by subway
Room rate: 270,000~300,000 KRW per night

The Plaza Hotel Seoul
Web: http://www.hoteltheplaza.com/
Distance to venue: 28 minutes by subway
Room Rate: 300,000~350,000 KRW per night

Lotte Hotel Seoul
Web: http://www.lottehotel.com/seoul/en/
Distance to venue: 30 minutes by subway
Room rate: 400,000~450,000 KRW per night

Visa Requirement

If you need a visa, please visit the following link for the visa application process:

http://www.mofa.go.kr/ENG/visa/application/index.jsp?menu=m_40_10

The organizer can send you an official acceptance letter for the visa process once the full paper is submitted.

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Preliminary Program

November 20th (Friday)

Time	Event
12:00~18:00	Registration
13:00~13:10	Opening Ceremony
13:10~14:00	Keynote Speech I Tracey Derwing (Univ. of Alberta & Simon Fraser Univ., Canada) *Why Variability across L2 Learners should Influence the Instruction of English Pronunciation*
14:00~14:20	Break
14:20~15:20	Poster Presentation I
15:20~15:30	Break

Time	Event		
15:30~16:30	Concurrent Sessions		
	PH1	PH2	SH1

Time	Event
16:30~16:40	Break
16:40~17:30	Keynote Speech II Jack Jiang (Univ. of Wisconsin School of Medicine & Public Health, USA) *The Modeling of Vocal Fold Vibration and its Clinical Implementations*
17:30~18:00	General Meeting
18:00~20:00	Banquet

November 21st (Saturday)

Time	Event		
9:00~16:00	Registration		
9:30~11:10	Concurrent Sessions		
	PH3	PH4	SH2 & PH5
11:10~11:30	Break		
11:30~12:20	Keynote Speech 3 Alexander Waibel (Carnegie Mellon Univ., USA & Karlsruhe Institute of Technology, Germany) *Bridging the Language Divide*		
12:20~13:40	Lunch		
13:40~14:40	Poster Presentation II		
14:40~14:50	Break		
14:50~16:30	PH6	PH7	SE1
16:30~16:40	Break		
16:40~17:10	Closing Ceremony		

Note: Only the affiliation of the first author appears in the program.

PH1 (Phonetics & Phonology)

Time	Presenter
15:30~16:30 20th (Fri.)	The Influence of Moraic vs. Syllable Structure on L2 English Production *Noriyasu Li, Alan Juffs (University of Pittsburgh, USA)*
	First Language Effect on the Production of the Syllable-final Nasals in Taiwan Mandarin *Man-ni Chu, Yun-wen Lin (Fu Jen University, Taiwan)*
	The Impact of English Accents on Korean Speakers' English Vowel Production *Shinsook Lee, Hosung Nam, Dong-Jin Shin, Young Shin Kim (Korea University)*

PH2 (Phonetics & Phonology)

Time	Presenter
15:30~16:30 20th (Fri.)	A Study on the Acquisition of Voicing Contrasts of Stops in English *Katsumasa Shimizu (Nagoya Gakuin University, Japan)*
	The Role of Vowel Transitions in the Perception of Sibilant Place Contrast *Sang-Im Lee-Kim (Chinese University of Hong Kong, Hong Kong)*
	Use of Acoustic Cues in the Perception of Complex Syllable Structure *Goun Lee (Yonsei University)*

SH1 (Speech & Hearing Disorder)

Time	Presenter
15:30~16:30 20th (Fri.)	Compensatory Articulation of Pressure Consonants in Telugu Cleft Palate Speech: A Spectrographic Analysis *Indira Kothalanka (The English and Foreign Languages University, India)*
	An Acoustic Analysis of the Output by the Auditory-Challenged Students in New Zealand *Kaoru Suzuki (Nagoya University of Arts and Sciences Junior College, Japan)*
	A Correlation Analysis between Acoustic Parameters and Perceptual Evaluation Focused on Intracordal Cysts Patient *Eunmi Yun, Jinseok Kang, Minam Jeong, Phan huu Ngoc Minh, Kihwan Hong, Hyungi Kim (Chonbuk National University)*

PH3 (Phonetics & Phonology)

Time	Presenter
9:30~11:10 21st (Sat.)	Dialectal Variation in Korean Vowels: A Corpus-based Approach *Tae-Jin Yoon, Yoonjung Kang, Sungwoo Han (Sungshin Women's University)*
	Mandarin L2 Learners' Perception of Korean Obstruents in Different Contexts *Xinran Ren, Peggy Mok (Chinese University of Hong Kong, Hong Kong)*
	Do Effects of Phonological Neighborhood Density on Word Production Obtain in Korean? *Jeffrey J. Holliday, Rory Turnbull (Korea University)*
	Automatic Classification of Retroflex Segmental Variations for Korean Produced by Chinese *Seung Hee Yang, Minhwa Chung (Seoul National University)*
	*A Study on Realization of Lateralization in /l/-/n/ Sequences *YoonJeong Seo, Jiyoung Shin (Korea University)* *This presentation will be given in Korean.

PH4 (Phonetics & Phonology)

Time	Presenter
9:30~11:10 21st (Sat.)	Articulatory Settings as Stance: Generating Contextual Cues *Mark Campana (Kobe City University of Foreign Studies, Japan)*
	Wavelet-based Rhythm Analysis for Typical and Atypical Speech *Stefan Werner (University of Eastern Finland, Finland)*
	Towards a Quantitative Metric for Allophonic Complementarity *Julien Eychenne (Hankuk University of Foreign Studies)*
	ANN Based Mapping between Articulatory and Acoustic Information Using X-ray Microbeam Data *Sunghah Hwang, Jaekoo Kang, Hyungwon Yang, Youngsun Cho, Yeonjung Hong, Yejin Cho, Hosung Nam (Korea University)*
	Acquisition of Prosodic Phrasing and Boundary Tones *Wook Kyung Choe (Dong-A University)*

*SH2 & PH5 (Speech & Hearing Disorder, Phonetics)

Time	Presenter
9:30~11:10 21st (Sat.)	Acoustic Characteristics and Hyoid Bone Movements in Patients with Thyroidectomy *Woo-Seok Yang, Hyun-Gi Kim, Ki-hwan Hong (Chonbuk National University)*
	Evaluation of Swallowing Disorder Based on Acoustic Variables *Je-pyo Jun, Hyungyoon Chang, Hyun-Gi Kim, Myoung-Hwan Ko, Ki-hwan Hong (Chonbuk National University)*
	Acoustic and Perceptual Characteristics of Transgender's Voice *A-ram Lee, Hyun Sub Sim (Ewha Womans University)*
	Effects of Pitch Accent on VOT and F0 in Japanese Stops *Hi-Gyung Byun (Akita International University, Japan)*
	A Comparison Study on the Vowels between Jeju and Seoul Dialect *Woo-bong Shin , Ji-young Shin, Hosung Nam (Korea University)*

* Presentations of this session will be given in Korean

PH6 (Phonetics & Phonology)

Time	Presenter
14:50~16:30 21st (Sat.)	Tone Merge in Hong Kong Cantonese *Wai-Sum Lee (City University of Hong Kong, Hong Kong)*
	Late Bilinguals' Global Features of Tonal and Non-Tonal Speech *Ok Joo Lee (Ewha Womans University)*
	Mothers Speak Slowly to their Children, All Things Considered *Eon-Suk Ko, Eun-Sol Kim (Seoul National University)*
	Variation of L1 Tonal Assimilation by Cantonese and Mandarin Learners of English *Yizhou Lan, Sunyoung Oh (City University of Hong Kong, Hong Kong)*
	More than F0: An Additive Model for Tonal Representations *Si Chen (The Hong Kong Polytechnic University, Hong Kong)*

PH7 (Phonetics & Phonology)

Time	Presenter
14:50~16:30 21st (Sat.)	Variability of Speech and Eye Movement in Reading *Jaekoo Kang, Hyun-Woong Kim , Sujin Kim, Yeonjung Hong, Youngsun Cho, Hyungwon Yang, Sunghah Hwan, Yejin Cho, Chai-Youn Kim, Hosung Nam (Korea University)*
	Production of English Word-final Alveolar Fricatives *Yungdo Yun (Dongguk University)*
	The Phonemic Inventory of Tenyidie Affricates: An Acoustic Study *Neisakuonuo Tungoe (English and Foreign Languages University, India)*
	Sex Differences in Voice Onset Time: Focusing on the Effects of Korean Learners' Proficiency of English *Jihyun Park (Ewha Womans University)*
	Vowel Variability in Seoul Corpus vs. Buckeye Corpus *Jaekoo Kang, Hyungwon Yang, Sunghah Hwang, Youngsun Cho, Yeonjung Hong, Yejin Cho , Hosung Nam (Korea University)*

SE1 (Speech Engineering)

Time	Presenter
14:50~16:30 21st (Sat.)	Speaker Adaptation Using L1-Norm-Based 2DPCA of Acoustic Models *Yongwon Jeong, Hyung Soon Kim (Pusan National University)*
	A Study on Linguistic and Contextual Features in F0 Modeling for Korean Speech Synthesis *Sangjin Kim (NAVER)*
	Histogram Equalization Utilizing Bayesian Prior for Feature Compensation in Speech Recognition *Youngjoo Suh, Jahyun Goo, Hyungjun Lim, Hoirin Ki (KAIST)*
	A Sound Source Localization Method Based on Steered Response Power in Reverberant Environments *Jae-Pil Seo, Minook Kim, Hyung-Min Park (Sogang University)*
	A Study on Word Vector Model for Representing Korean Semantic Information *Hejung Yang, Hyun-jung Lee, Young-In Lee, JeongPil Lee , Kyungtae Chung , Myoung-Wan Koo (Sogang University)*

Poster Presentation I

Time	Presenter
14:20~15:20 20th (Fri.)	Perceptual Assimilation of Standard Southern British English Vowels *Payam Ghaffarvand Mokari, Stefan Werner (University of Eastern Finland, Finland)*
	The Acquisition of Third Language German Consonant Clusters by Cantonese-English Bilinguals *Yanjiao Zhu, Peggy Pik Ki Mok (City University of Hong Kong, Hong Kong)*
	Perceptual Evidence for Sound Change in Lexical Pitch Accent of Kyungsang Korean *Hyun Jung Lee (Hankyong National University)*
	Comparison of Formant Frequencies of Corner Vowels /i u a/ Among Classical Singers and Normal Speakers *Jeehyun Yoon (Ewha Womans University)*
	Sociophonetic Effects of Learners' Gender on Voice Onset Time in Korean Stops *Dawn Kim (Ewha Womans University)*
	Acoustic Cues to Perception of English Intervocalic Liquids ([l], [ɹ]) *Seongjin Park, Tae-Yeoub Jang (Hankuk University of Foreign Studies)*
	The Perception of Non-front Vowels in Seoul Korean: Evidence of Sound Change *Ji Eun Kang, Eun Jong Kong (Korea University)*
	A Study of L2 Influence on L1 Sound Change *Mi-Ryoung Kim (Korea Soongsil Cyber University)*
	Acquisition of Temporal Patterns in Second Language *Eunhae Oh (Konkuk University)*
	Automatic Mispronunciation Detection of Nasalization Error Spoken by Korean Learners of English Using Articulatory Modeling by Deep Neural Network *Hyuksu Ryu, Minhwa Chung (Seoul National University)*
	Pre-Post Comparative Study on Voice Quality and Paragraph Reading Prosody Characteristics of a Patient with Pontine Hemorrhagic stroke—Applying Accent Method *Hyungyoon Chang, Je-pyo Jun, Hyun-Gi Kim (Chonbuk National University)*
	Intelligibility and Acceptability for the Mild dysarthric Speakers' Speech Due to Speech Rate and Loudness Manipulation *Jiyoun Kim, Choeljae Seong (Chungnam National University)*
	Comparison of Speech Motor Function in Children After Tonsillectomy and Typically Developing Children: A Preliminary Study *Yunkyung Song (Tongmyong University)*
	Background Noises and the Effects on Stuttering-Related Variables of Adults who Stutter: Multilayer Perception Network *Jin Park, Je-Pyo Jun (Chungnam National University)*
	Acoustic Analysis of Voice Change Following Extent of Thyroidectomy *Young Ae Kang, Bon Seok Koo (Chungnam National University Hospital)*
	Comparison of Diadochokinesis and Vowel Space According to Types of Cerebral Palsy *Sookhee Kim (Young Dong University)*
	The Characteristics of Pauses in Normal Adults' Self-Repaired Utterances *HyeJeong Oh, Hee-Sook Jeon (Luther University)*
	Voice Handicap Index of High School Teachers Measured by Visual Analogue Scale (VAS) *Eun-Jeong Lee, Kyeyoung Kwon, Sunyoung Kim, Youri Kim (Sehan University)*
	Korean Primary School Students' Attitudes toward Stuttering *Kyungjae Lee, Mi-Ae Han, Seong Hee Choi, Chul Hee Choi (Catholic University of Daegu)*
	Self-reporting Voice Evaluations between Elite Vocal Performer and Professional Voice Users with Voice Disorders *Jaeock Kim (Kangnam University)*
	Relationship among the Percentage of Correct Consonants, Speech Intelligibility, Speech Acceptability and Severity in Speech Sound Disorders *Heung Im Lee, Eun Young Seo, Soo Jin Kim (Korea Nazarene University)*

Poster Presentation II

Time	Presenter
13:40~14:40 21st (Sat.)	The Study on the Perceptual Sensitivity to the Prosodic and the Semantic Cues in Disambiguation *Sun mi Kang, Eun Jong Kong (Korea Aerospace University)*
	Phonetic Evidence for Resyllabification *Jin-a Lim, Mira Oh (Chonnam National University)*
	Hand Gesture and Head Movement as a Tool for Tonal Control in L2 Production of Mandarin Chinese *Youngsun Cho, Jaekoo Kang , Hyungwon Yang, Sunghah Hwang, Yeonjung Hong, Yejin Cho, Hosung Nam (Korea University)*
	Visual Word Recognition: An Event-Related Potential Investigation Using Masked Repetition Priming *Hyungwon Yang, Jinwon Kang, Jaekoo Kang, Sunghah Hwang, Youngsun Cho, Yeonjung Hong, Yejin Cho, Kichun Nam, Hosung Nam (Korea University)*
	Chinese KFL Learners' production Aspects of Post-lexical Phonological Process in Korean. - Focusing on the Aspiration – *Youngsook Yune (Kyungnam University)*
	Acoustic Correlates of Semantic Prosody: A Case Study of the Korean Degree Adverb 'nemu' *Eon-Suk Ko (Seoul National University)*
	A Perceptional Comparison of English Boundary Tones Produced by Seoul Korean and Mandarin Chinese EFL Learners -Focused on Phrase-Final Conjunctive Utterances- *Xu Duan (Korea University)*
	A Comparison of Speech Errors in Sentence Repetition and Errors in Reading for Children with Speech Sound Disorders (SSD) *Jin Hee Bang, Soo Jin Kim (Korea Nazarene University)*
	Early Sentence Perception by Prosodic Change of Normal Hearing Adults *Son-A Chang, Dahye Jeong (Woosong University)*
	Korean Primary School Students' Attitudes toward Stuttering *Mi-Ae Han, Kyungjae Lee, Seong Hee Choi, Chul Hee Choi (Ulsan Metropolitan Gangnam Support Office of Education)*
	Characteristics of Time Space in Disfluency Clusters of Adults Who Stutter *Hyo Eun Jun, Hee Sook Jun (Luther University)*
	Relationship between Articulation Severity and Percentage of Correct Consonant *Eun Young Seo (Korea Nazarene University)*
	Development Phonological Awareness of Children *Hana Oh, Eun Kyung Lee (Dongshin University)*
	A Prediction Model for Benign Laryngeal Disease Using Supervised Learning Techniques *Haewon Byeon (Nambu University)*
	Feature Extraction Method for CD-DNN-HMM Based Speech Recognition Systems *Sung Joo Lee, Byung Ok Kang, Hoon Chung, Jeon Gue Park (ETRI)*
	Performance Comparison of Feature Extraction Methods for Speaker Verification in Noisy and Reverberant Environments *Ga Hui Lee, Sung Min Ban, Kyung-Wha Kim, Hyung Soon Kim (Pusan National University)*
	Feature Normalization Methods for DNN-HMM Based Speech Recognition in Noisy Environments *Sung Min Ban, Min Sik Kim, Sung Joo Lee, Hyung Soon Kim (Pusan National University)*
	Error Analysis and Improvements in Korean Atypical Spontaneous Speech Recognition *Byung Ok Kang, Oh-Wook Kwon (ETRI)*
	A Study of CNN Training Based on Various Filter Structures and Feature Normalization Methods *Hwa Jeon Song, Ho Young Jung, Jeon Gue Park (ETRI)*
	Dynamic Sub-WFST Embedding for Personalized Search Space Based Speech Recognition *Joohong Yoo, Hoirin Kim, Sukbong Kwon (KAIST)*
	Classification of Prosodic Boundaries Based on Acoustic Cues for Korean TTS *Min-Ki Lee (NAVER)*