

## Program for LabPhon 18

The times are listed in Central Daylight Time (CDT). 7 AM CDT = 1PM British Standard Time (London) = 5:30 Indian Standard Time (India) = 8 PM China Standard Time (Beijing).

To convert these times to your own time zone, please visit the following website: Time & Date Converter <https://www.timeanddate.com/worldclock/converter.html?iso=20200421T230000&p1=256>.

### **THURSDAY, June 23**

#### **6:45 - 7:45am, Chair Katerina Iliopoulou, Co-chair Laurie Lawyer**

Poster Session A (individual posters listed below)

#### **7:45-8:00am**

Welcome address

#### **8:00 - 10 am, Chair: Katerina Iliopoulou, Co-chair Laurie Lawyer**

##### **Changes in Space: Online Experimentation**

Invited speaker: **Rachel Theodore**, Department of Speech, Language and Hearing Sciences, University of Connecticut, Critical considerations for conducting web-based speech perception research

Discussant: **Georgia Zellou**, Department of Linguistics, University of California, Davis

**Katrina Kechun Li, Julia Schwarz, Jasper Hong Sim, Yixin Zhang, Elizabeth Buchanan-Worster, Brechtje Post, Jenny Gibson and Kirsty McDougall**, Recording and timing vocal responses: an online cued-shadowing task  
**Amy Hutchinson and Olga Dmitrieva**, Examining the effect of phonological memory on non-native speech perception in an online research setting

**Koorosh Ariyae, Chahla Ben-Ammar, Talia Tahtadjian and Alexei Kochetov**, Acoustic classification of guttural fricatives in Arabic, Armenian, and Kurdish

#### **10:15-11:15 am, Chair: Laurie Lawyer, Co-chair Katerina Iliopoulou**

Poster Session B (individual posters listed below)

#### **12 - 1:20pm, Chair: Laurie Lawyer, Co-chair Florent Dueme**

##### **General Session 1: Sociophonetics**

**Nicholas Aoki, Michelle Cohn and Georgia Zellou**, The Clear Speech Intelligibility Benefit for TTS Voices: Effects of Speech Style and Guise

**Bethany MacLeod**, Individual listener variability and reliability in an AXB assessment of phonetic imitation

**Jane Stuart-Smith, Irene Smith, Morgan Sonderegger, & Spade Consortium**, Sound change is drawn from pools of synchronic variation

**Pia Greca**, Gradient phonologisation and cue-trading relationships: stem vowel metaphony and suffix vowel erosion in the Lausberg area (Southern Italy)

#### **4:00 - 5:20pm, Chair: Yu-Jung Lin, Co-chair Anne Pycha**

##### **General Session 2: Prosody**

**Jennifer Cole, Jeremy Steffman, Lisa Cox and Stefanie Shattuck-Hufnagel**, Nuclear Tunes lost and found: Modeling intonational tunes in American English with labeled vs. unlabeled data

**Nasim Mahdinazhad Sardhaei, Marzena Zygis, and Hamid Sharifzadeh**, Automatic measurement of facial expressions in whispered and normal speech: the case of eyebrow-raising

**Jeremy Steffman**, Phonetic cues to prominence in segmental perception and online processing: The case of vowel-initial glottalization in American English

**Francesco Burroni**, Towards a model of online dissimilatory tonal interactions: Evidence from Thai

**9:00 - 10pm, Chair: Indranil Dutta, Co-chair Alan Yu**

Poster Session C (individual posters listed below)

## **FRIDAY, June 24**

### **5:30-6:30am, Chairs: Cynthia Clopper and Jane Stuart-Smith**

#### **Association for Laboratory Phonology Membership Meeting #1**

To accommodate participants in different time zones, we have scheduled two ALP Membership Meetings. You can attend one or the other; identical topics will be covered, so there is no need to attend both.

Meeting #1, Friday June 24 at 5:30am CDT

Meeting #2, Friday June 24 at 2:30pm CDT

### **7:00 - 9:00am, Chair: Florent Dueme, Co-chair Katerina Iliopoulou**

#### **Changes in Space: Corpus Phonetics and Phonology**

Invited speaker: **Eleanor Chodroff**, University of York, UK, Large-scale structure in phonetic realization

Discussant: **Yao Yao**, Department of Chinese and Bilingual Studies, The Hong Kong Polytechnic University

**Margaret Renwick, Joseph A. Stanley, Jon Forrest and Lelia Glass**, A Mid-Century Peak for the Southern Vowel Shift: Evidence from Georgia

**Connie Ting, Meghan Clayards, and Morgan Sonderegger**, Investigating universality of consonant intrinsic F0 effects

**Roger Yu-Hsiang Lo, Melissa Wang, Michelle Kamigaki-Baron, Noah Luntzlar and Márton Sóskuthy**, Vowels are "stretchier" than consonants: A cross-linguistic corpus study of the segmental implementation of articulation rate

### **9:30 - 11:30am, Chair: Florent Dueme, Co-chair Laurie Lawyer**

#### **Changes in Time: Diverse trajectories in language development over the lifespan**

Invited speaker: **Carolyn Quam**, Department of Speech and Hearing Sciences, Portland State University, How bilingualism and developmental language disorder shape phonological aspects of word learning

Discussant: **Alexander L. Francis**, Center on Aging and the Life Course, Purdue University

**Madeleine Rees**, Auditory feedback perturbation as a window into individual speech perception and production interactions in Spanish/English bilingual speakers

**Simon Wehrle, Kai Vogeley and Martine Grice**, Characterising conversations between autistic adults – a multi-dimensional approach

**Ho-hsien Pan, Susan Shur-Fen Gau and Shao-Ren Lyu**, Prosodic prominence marking by speakers with Autistic Spectrum Disorder (ASD) and Typical developing (TD) Speakers

### **12:00 - 2:00pm, Chair: Jiangjin Kuang, Co-chair Katerina Iliopoulou**

#### **Changes in Space: Field Work**

Invited speaker: **James Kirby**, Institute of Phonetics, Ludwig Maximilian University of Munich

Discussant: **Christian DiCanio**, Department of Linguistics, State University of New York at Buffalo

**Kathryn Franich**, The Influence of Temporal Coupling on Phonetic Enhancement

**Seunghun J. Lee, Sun-Ah Jun and Céleste Guillemot**, The domain of tone-segment mapping in Drenjongke is an Accentual Phrase

**Samuel Akinbo and Avery Ozburn**, Methodological challenges and successes in investigating ATR in African languages during Covid

**2:30-3:30pm, Chairs: Cynthia Clopper and Jane Stuart-Smith**  
**Association for Laboratory Phonology Membership Meeting #2**

To accommodate participants in different time zones, we have scheduled two ALP Membership Meetings. You can attend one or the other; identical topics will be covered, so there is no need to attend both.

Meeting #1, Friday June 24 at 5:30am CDT

Meeting #2, Friday June 24 at 2:30pm CDT

**4:00 - 5:00pm, Chair: Jianjing Kuang, Co-chair Yu-Jung Lin**

Poster Session D (individual posters listed below)

**9:00 - 10:00 pm, Chair: Anne Pycha, Co-chair Indranil Dutta**

Poster Session E (individual posters listed below)

## **SATURDAY, June 25**

### **6:45 - 7:45am, Chair: Laurie Lawyer, co-chair Florent Dueme**

Poster Session F (individual posters listed below)

### **8:00 - 10:00am, Chair: Laurie Lawyer, co-chair Katerina Iliopoulou**

#### **Changes in Time: Analytic Approaches**

Invited Speaker: **Timo Roettger**, Institutt for lingvistiske og nordiske studier, University of Oslo, The Cart before the Horse - the Roles of Confirmation and Exploration in Laboratory Phonology

Discussants: **Jonathan Harrington and Michele Gubian**, Institute of Phonetics, Ludwig Maximilian University of Munich

**Jason Shaw and Natalie Weber**, Assessing intonational grammars through simulation and classification of pitch trajectories: the case of mobile boundary tones in Blackfoot

**Amanda Doucette, Timothy O'Donnell and Morgan Sonderegger**, Identity, similarity, and the OCP: A model of co-occurrence in 107 languages

**Stefano Coretta**, The power of 'p': Is significance testing hindering speech research?

### **10:15-11:15, Chair: Jianjing Kuang**

Poster Session G (individual posters listed below)

### **12:00 - 1:20pm, Chair Alan Yu, Co-chair Yu-Jung Lin**

#### **General Session 3a: Vowels**

**Matthew Faytak and Bowei Shao**, Fricative vowels are noisier in crowded vowel spaces

**Stefanie Türk, Jonas Gerards, Mathias Scharinger and Ulrike Domahs**, MMN patterns in the processing of German mid-high vowels in native and non-native speakers

#### **General Session 3b: Articulation**

**Sarah Harper**, Implications of individual differences in articulatory and acoustic variability for segmental representation

**Changhe Chen and Jonathan Havenhill**, Lingual gestures of the oral-nasal vowel contrast in Chaoshan Chinese

### **2:00 - 4:00 pm, Chair: Anne Pycha**

#### **Changes in Time: Language Acquisition and Attrition**

Invited Speaker: **Megha Sundara**, Department of Linguistics, University of California, Los Angeles, Infant acquisition: From sound categories, through morphology and word class, to phonemes

Discussant: **Charles B Chang**, Department of Linguistics, Boston University

**Margarethe McDonald, Margarita Kaushanskaya and Eon-Suk Ko**, Short-term accented speech exposure aids in the production of difficult contrasts

**Rowena Garcia and Natalie Boll-Avetisyan**, Infant-directed speech might be tailored for learning phonotactic principles

**Kira Bondi, Danica Reid, Sahibnoor Dhami, Alloyson Ugalde, Sydney Walton, Yimin Wang, Anne-Michelle Tessier and Ashley Farris-Trimble**, Alienology: Learning Opaque Phonology

### **4:15 - 5:15 pm, Chair: Yu-Jung Lin, co-chair Anne Pycha**

Poster Session H (individual posters listed below)

**5:30-5:45pm**

Closing ceremony

**Poster Session A**

Nief Al-Gamdi, Jalal Al-Tamimi and Ghada Khattab	Voicing contrast in Najdi Arabic stops: Implications for laryngeal realism
Chih-Chao Chang, Chun-Ting Chien and Yu-An Lu	Exploring the L2 Perception-production Link in English Vowel Imitation by Mandarin Speakers
Kuniko Nielsen	Individual variability in the link between speech perception and production categories
Joshua Penney, Felicity Cox and Andy Gibson	HAND-raising and neighbourhood language diversity in adolescent speech in Sydney
Anisia Popescu, Louis Goldstein, Mairym Llorens Monteserin and Shrikanth Narayanan	A multi-slice rtMRI analysis of horizontal tongue narrowing in English laterals
Chiara Repetti-Ludlow	Burmese voiced and voiceless sonorants: An acoustic and positional analysis
Bert Remijsen and Mirella Blum	The interaction of voice quality and tone in Dinka
Sreeparna Sarkar and Irene Vogel	Prosodic Prominence Enhances Perceptibility of Bengali Stop Consonants
Giulio Severijnen, Hans Rutger Bosker and James McQueen	How do “VOORnaam” and “voorNAAM” differ between talkers? A corpus analysis of individual talker differences in lexical stress in Dutch
Jasper Hong Sim	Bilingual phonological development in a multi-dialectal context: the acquisition of /l/ by English-Malay bilingual preschoolers in Singapore
Benjamin Storme and Francesc Torres-Tamarit	Artificial language learning of vowel reduction
Marieke van Heugten, Helen Buckler and Elizabeth Johnson	The emergence of word recognition in mono- and multi-accent 6-month-olds (WITHDRAWN)
Maria del Mar Vanrell, Meghan Armstrong-Abrami, Elena Castroviejo and Laia Mayol	The developmental trajectory of perceiving evidentiality through intonation in Majorcan Catalan
Xinyi Wen, Yiya Chen and Lisa Cheng	Structure-sensitive Tonal Variations in Shaoxing Wu Chinese
Helen Reese and Eva Reinisch	No effect on the weighing of speaker information when listening in adverse conditions
Chunyu Ge and Peggy Mok	The influence of breathy voice on tone perception by young speakers in Suzhou Wu Chinese

**Poster Session B**

Johanna Basnak and Mitsuhiro Ota	Do form-learning biases align with typological frequencies? A study in harmonic and disharmonic words
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Gwen Brekelmans, Nadine Lavan, Haruka Saito, Meghan Clayards and Elizabeth Wonnacott	Is there a multi-talker advantage for learning non-native phoneme contrasts?
Lisa Davidson and Oiwi Parker Jones	Prosodic influences on the realization of phonemic and non-phonemic glottalization in Hawaiian
Ander Egurtzegi, Johanna Cronenberg, Michele Gubian, Jonathan Harrington and Hanna Ruch	From post-lexicity to phonologization: Andalusian /s/-aspiration at the word boundary
Karee Garvin	Variable syllabification and jaw oscillation
Svetlana Kaminskaia and Wladyslaw Cichocki	Variation in timing patterns in contact varieties of Canadian French
Miquel Llompart	Perceptual (un)learning from anomalous vowel substitutions in second-language speech perception
Edward Marshall	Variation and change in front vowel height of Standard British Choral Singing (1925-2019)
Rachel Olsen	Prosodic cues to emotional affect in acted speech
Paul Okyere Omane, Marc Schwab, Titia Benders and Natalie Boll-Avetisyan	Investigating tongue root harmony preferences in young infants growing up in Germany and Ghana
Sara Pearsell and Daniel Pape	The Effects of Different Voice Quality on the Perceived Personality of a Speaker
Anne Pycha, Jae Yung Song and Tessa Culleton	Low density and clear speech make spoken words more memorable
Adam James Ross Tallman	Lexical vs. postlexical tones in Chácobo (Pano): A phonetic analysis of naturalistic speech
Esmail Moghiseh and Michael Wagner	Two-dimensional parsing and the iambic-trochaic law in actual words
Ruaridh Purse	Duration as a perceptual cue to homophone disambiguation
Si Berrebi, Outi Bat-El and Sharon Peperkamp	Automatic speaker-oriented associations of L2 phonetic variants

### Poster Session C

Hannah White and Sasha Calhoun	Mediated Iconicity: Effect of age on affective associations of uptalk and creak
Andrew Cheng, Elise McClay and Henny Yeung	Variation in pitch and vocalic creak in novel words spoken in infant-directed English
Ye-Jee Jung and Olga Dmitrieva	Non-native talkers and listeners and perceptual benefits of clear speech
Niamh Kelly	Peak alignment, vowel length and onset type in Lebanese Arabic

Jieun Lee and Hanyong Park	The benefit of reduced inhibitory control in learning English vowels by Korean learners
Chelsea Sanker	Normalized formant values are generalized across talkers
Rachel Soo, Fion Fung and Molly Babel	Temporal and informational dependencies between segmental and suprasegmental processing in Cantonese word recognition
Ping Hei Yeung	Can English become a tone language? Production of lexical tones in Hong Kong English
Jennifer Zhang, Lindsey Graham, Marissa Barlaz and José Ignacio Hualde	Dynamics of sound change: Production and perception in ongoing mergers and splits
Sijia Zhang and Michael Wagner	Mandarin tone sandhi and speech segmentation
Wei Zhang, Meghan Clayards and Francisco Torreira	Cue primacy effects in Mandarin tone imitation
Yinjun Zhang and Jonny Kim	Can talker accent change cue-weighting patterns in English vowel categorization?
Sireemas Maspong, Marc Brunelle and Pittayawat Pittayaporn	Temporal alignment of diphthongs and other cues to register: a case study of Chanthaburi Khmer

#### Poster Session D

María Del Saz	Investigating a possible neutralization of 3 clusters in Western Andalusian Spanish
Sajib Ghosh and Sonya Bird	Pitch-based parameters for rhythm quantification: Evidence from Bangla geminates
Hironori Katsuda, Gemma Repiso-Puigdelliura and Kie Zuraw	He's got abejas: applying tapping in English-Spanish code-mixed sentences
Jiseung Kim and Anja Arnhold	Prosodic focus marking in Canadian English
Seung-Eun Kim and Sam Tilsen	Evidence for adaptive control of pitch register
Wilmar Lopez-Barrios	Language-specific intonation in the bilingual Palenquero/Spanish speakers
Grant McGuire and Molly Babel	Voice quality ratings of voices by speakers of American English
Stefanie Reed	Duration Differences in Tagalog Reduplication as Evidence for Phonemic Vowel Length
Austin Brailey-Jones, Sara E. Miller and Margaret Renwick	Accounting for /t/ palatalization across word boundaries in UK English
Michael Stern and Jason Shaw	Minimal pair induced phonetic change over multiple timescales
Pauline Welby, Elsa Spinelli and Audrey Bürki	Does spelling provide a phonological target even when spelling is not provided?

Jonathan Wright and Melissa Baese-Berk	To touch or not to touch: Variations in mouse tracking across equipment profiles during online incidental learning of novel tone categories
Madeleine Oakley	Articulatory and acoustic vowel dynamics in L2 speech

### Poster Session E

Grace WL Cao, Yixuan Xiong, Him Cheung and Peggy Mok	The effects of visual cues on speech intelligibility of accented Cantonese
Youngah Do, Jonathan Havenhill and Sui Lung Sze	Free variation learning in syntax and in phonology
Daiki Hashimoto	Accessing suffixed forms: Whole-word and decomposed routes
Eon-Suk Ko and Jongho Jun	Phonological variation in child-directed speech is modulated by lexical frequency
Seung Suk Lee	Prosodically-conditioned use of contextual variation in classifying Seoul Korean stops
Sang-Im Lee-Kim and Yun-Chieh Chou	Unmerging the sibilant merger during phonetic imitation: the role of social factors
Dongmei Lin	Stress in Spanish syntagmatic compounds and -mente adverbs
Olga Maxwell, Elinor Payne, Yizhou Wang and Robert Fuchs	Perceptual adaptation in the Indian English diaspora (WITHDRAWN)
James Myers and Tsung-Ying Chen	An online exploration of cross-linguistic variation in wordlikeness judgments
Rebecca Scarborough and Kuniko Nielsen	Asymmetries in perceptual sensitivity to within-category variations
Zhen Qin, Rui Jin and Caicai Zhang	The effects of training variability and pitch aptitude on overnight changes of tone learning
Tan Ta	Perception of tone and register in Rục language

### Poster Session F

Cerys Hughes, Seung Suk Lee, Alessa Farinella and Kristine M. Yu	Phonetic implementation of phonologically different high tone plateaus in Luganda
Enkeleida Kapia, Josiane Riverin-Coutlée, Conceicao Cunha and Jonathan Harrington	Exploring the connection between schwa dropping and vowel lengthening in Albanian
Lorenzo Garcia-Amaya, Kelly Kendro and Nicholas Henriksen	Regional variation in articulation rate and pausing across three dialects of Spanish
Chloe Dokyung Kwon	Transfer of boundary effects in English tag questions produced by Korean L2 speakers
Tim Lameris	Revisiting the Functional Pitch Hypothesis: Evidence from non-native tone word learning in learners across a spectrum of L1 tonal statuses and

	individual aptitudes
Janne Lorenzen, Simon Roessig and Stefan Baumann	Syntagmatic and paradigmatic effects of information status on prosodic prominence relations in German – an online production task
Edward Marshall	Variation and change in front vowel height of Standard British Choral Singing (1925-2019)
Simon Roessig, Bodo Winter and Doris Mücke	Exploring the phonetic space of focus
Elina Rubertus, Anisia Popescu and Aude Noiray	Children anticipate vowels earlier in repeated than in read aloud speech
Dominic Schmitz, Dinah Baer-Henney and Ingo Plag	Morphological processing is affected by subphonemic detail
Heiko Seeliger and Sophie Repp	On the prosodic marking of German rejections and rejecting questions
Hielke Vriesendorp	Sociolinguistic processing in hybrid exemplar theory: do we use lexical or sublexical representations?
Marzena Zygis, Anita Lorenc, Daniel Pape, Lukasz Mik and Marton Soskuthy	On the necessity of exploring individual variation
Kyle Parrish	The Roles of Empathy and Openness in L2 Spanish accent ability
Leendert Plug, Robert Lennon, Yue Zheng and Rachel Smith	Do listeners orient to canonical forms when judging speech tempo?

### Poster Session G

Suzy Ahn and Harim Kwon	Tongue position of stops in post-vocalic and post-voiceless position: An ultrasound study of American English, Brazilian Portuguese, and Seoul Korean
Yuan Chai and Shihong Ye	Acoustic cues for checked tone perception in Xiapu Min (WITHDRAWN)
William Clapp, Charlotte Vaughn, Simon Todd and Meghan Sumner	Talker-specificity vs. token-specificity in recognition memory
Hali Clark, Marie Bissell, Cynthia G. Clopper and Abby Walker	Effects of lexical competition, dialect familiarity, and dialect exposure on lexical processing
Esther de Leeuw, Enkeleida Kapia and Scott Lewis	Contrastive perception in Albanian returnees in Tirana, Albania
Stella Gryllia, Katherine Marcoux and Amalia Arvaniti	Using fPCA and GAMMs to investigate categoriality and variability in intonation (WITHDRAWN)
Zhe-Chen Guo and Rajka Smiljanic	Coarticulatory vowel nasalization in read and listener-directed speech across communicative contexts: An analysis of the LUCID corpus
Ivy Hauser	Differential cue weighting in Mandarin sibilant merger

Auromita Mitra and Indranil Dutta	Asymmetries in V-to-V coarticulation among harmonic and non-harmonic sequences in Khalkha Mongolian
Uliana Kochetkova, Vera Evdokimova, Pavel Skrelin, Daria Novoselova and Rada German	Acoustic cues of irony in Russian
Manfred Pastätter	Variance and invariance in the articulatory correlates of syllable structure
Lilian Rodrigues de Almeida	Phonetic and lexical hints at the phonological representations of [e] and [ɛ] in Senegalese wolophone French
Alan Yu, Jinghua Ou and Ming Xiang	Categorization gradience and lexical recruitment are linked: Evidence from younger and older adults
Cong Zhang, Huinan Zeng, Huang Liu and Jiewen Zheng	Featurally Underspecified Lexicon (FUL) Model: Evidence from multilingual Text-to-Speech

### Poster Session H

Sarah Alamri	Cross-language Perception: Saudi Arabic and Seoul Korean Intervocalic Coronal Stops
Justin Bai and Rebecca Scarborough	Minimal pair effects on voicing-conditioned vowel lengthening in English
Bihua Chen and Isabelle Darcy	Effects of Auditory Context on Nonnative Recognition of Reduced Speech: Does Meaning Explain It All?
Mariana Cortes Kandler	Erratic Rhotics: Exploring the variability of the Costa Rican Spanish Trill
Ellen Dossey	The effect of sociophonetic knowledge on the processing of a novel accent
Florent Dueme, Antje Stoehr and Clara Martin	Late French-Spanish immersed bilinguals produce language-specific prevoiced plosives
Jakub Dunin-Borkowski	Productivity of o-Raising in Polish
Yen-Chen Hao	Lexical encoding of second language segments and tones by learners at different proficiency levels
Yuhong Zhu, Ian Cameron, Rebekah Stanhope, Kate Kinnaird, Yazhao Huang, Tianyi Ni and Björn Köhnlein	Can people learn three levels of sonority-sensitive stress? An online experiment
Anna Kohári, Luca Garai, Uwe D. Reichel and Katalin Mády	Voice quality modifications in Hungarian infant-directed speech
Jeff Mielke, Marie Bissell, Bridget Smith, Ciana Paye and Emma Trudan	Pharyngealized interdentals and intrusive L in American English
Nicole Mireia and Matthew Goldrick	Prior Knowledge's Role in Consolidating Novel Phonotactics for Speech Production

Jinghua Ou, Alan Yu and Ming Xiang

Early auditory brainstem encoding shapes how cues are weighted in vowel categorization