

Representing phonotactics

LabPhon16 Satellite event

June 23, 09:00 - 12:30

Organizers

[Ioana Chitoran](#)

Université Paris Diderot & Clillac-ARP

[Michela Russo](#)

Université Jean Moulin Lyon 3 & UMR 7023 CNRS Paris 8

Part 1

We will start with individual contributions, which will address the topics of the workshop. The presentations will be grouped together by topic. At the end of each topic there will be a question period.

1. TYPOLOGY AND EVOLUTION TOTAL TIME: 40'

9 h – 9 h 10

Shelece Easterday

Syllable typology and syllable-based typologies: Findings from the extremes of phonotactic complexity

Laboratoire Dynamique Du Langage (CNRS & Université de Lyon 2)

shelece.easterday@cnrs.fr

9 h 10 – 9 h 20

Geoffrey Schwartz

Towards a typology of consonant synchronicity

Adam Mickiewicz University in Poznań

geoff@wa.amu.edu.pl

9 h 20 – 9 h 30

Péter Rebrus¹ & Péter Szigetvári²

Gradual phonotactics

¹*Research Institute for Linguistics, Hungarian Academy of Sciences*

²*Eötvös Loránd University*

rebrus@nytud.hu ; szigetvari@elte.hu

9 h 30 – 9 h 40: 10 min for questions

2. PERCEPTION-PRODUCTION DYNAMICS

TOTAL TIME: 65'

9 h 40 – 9 h 50

Matthew Masapollo¹, Jennifer Segawa^{1,2}, Mona Tong¹, & Frank Guenther^{1,3}

Evidence for the consonant cluster as a basic unit of speech motor sequencing

¹*Department of Speech, Language & Hearing Sciences, Boston University*

²*Departments of Neuroscience and Biology, Stonehill College*

³*Department of Biomedical Engineering, Boston University*

mmasapol@bu.edu ; jsegawa@stonehill.edu ; monatong44@gmail.com ; guenther@bu.edu

9 h 50 – 10 h

Pierre Hallé

Perceptually repairing illegal clusters: Is there an early faithful representation?

CNRS UMR 7018 Laboratoire de Phonétique et Phonologie, Paris 3, Sorbonne Nouvelle

pierre.halle@univ-paris3.fr

10 h – 10 h 10

Yueh-chin Chang & Feng-fan Hsieh

Variation in responses to conflicting targets in the Mandarin VN rimes

National Tsing Hua University, Taiwan

ycchang@mx.nthu.edu.tw ; ffhsieh@mx.nthu.edu.tw

10 h 10 – 10 h 20

Steven Alcorn and Rajka Smiljanic

Unlearning to perceive and produce epenthetic vowels: the case of L1 Brazilian Portuguese/L2 English sequential bilinguals

The University of Texas at Austin

steven.alcorn@utexas.edu ; rajka@austin.utexas.edu

10 h 20 – 10 h 30

Ela Portnoy & Elinor Payne

The role of phonotactics and lexicality on the perception of intrusive vowels

University of Oxford

elinor.payne@phon.ox.ac.uk

10 h 30 – 10 h 45: 15 min for questions

(1h45 into the workshop)

10 h 45 – 11 h 05 **POSTERS and BREAK:**

Total time: 20'

1. Yoon Mi Oh, Clay Beckner, Jen Hay, Jeanette King

New Zealand Institute of Language, Brain and Behaviour, University of Canterbury
yoonmi.oh@canterbury.ac.nz

Non-Māori speaking New Zealanders show surprisingly sophisticated Māori phonotactic knowledge

2. Harim Kwon^{1,2} Ioana Chitoran²

¹*George Mason University*; ²*Université Paris Diderot*
hkwon20@gmu.edu ; ioana.chitoran@univ-paris-diderot.fr

The adaptation of native clusters with non-native phonetic patterns is task-dependent

3. ^{1,2}Tom Lentz, ²Marianne Pouplier, ²Phil Hoole

¹*University of Amsterdam*; ²*IPS Munich, Ludwig Maximilians Universität*

T.O.Lentz@uva.nl; pouplier@phonetik.uni-muenchen.de; hoole@phonetik.uni-muenchen.de

Machine learning shows that clusters representations have a temporal component

(2h05 into the workshop)

3. BEYOND PHONOLOGY

TOTAL TIME: 55'

11 h 05 – 11 h 15

Laura Dilley

The role of distal suprasegmental rate and rhythm in phonotactic parsing of speech

Dept. of Communicative Sciences and Disorders, Michigan State University

ldilley@msu.edu

11 h 15 – 11 h 25

Boyd Michailovsky

Syllable boundary displacement in Limbu verb-stem alternations

Lacito, CNRS, and LabEx Empirical Foundations of Linguistics, France

boyd.michailovsky@gmail.com

11 h 25 – 11 h 35

Chiara Celata¹, Giulia Bracco²

Probabilistic phonotactics in visual word recognition within and across morphological boundaries

¹*Scuola Normale Superiore di Pisa*, ²*Università di Salerno*

11 h 35 – 11 h 45

Donald Gong

Grammaticality and lexical statistics in Chinese unnatural phonotactics

University College London (UCL) London, UK

ucjudgo@ucl.ac.uk

11 h 45 – 12 h : 15 min for questions

(3h into the workshop)

Part 2

12 h – 12 h 20 (20 min)

We will split into small working groups, mixing the topics within each group. Each group will propose up to three research questions.

12h 20 – 12h 30 (10 min)

All the participants together will agree on a final list of research questions, considered crucial for new directions of further study.