

## 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](mailto: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](mailto:geoff@wa.amu.edu.pl)

9 h 20 – 9 h 30

Péter Rebrus<sup>1</sup> & Péter Szigetvári<sup>2</sup>

#### **Gradual phonotactics**

<sup>1</sup>*Research Institute for Linguistics, Hungarian Academy of Sciences*

<sup>2</sup>*Eötvös Loránd University*

[rebrus@nytud.hu](mailto:rebrus@nytud.hu) ; [szigetvari@elte.hu](mailto: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 Masapollo<sup>1</sup>, Jennifer Segawa<sup>1,2</sup>, Mona Tong<sup>1</sup>, & Frank Guenther<sup>1,3</sup>

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

<sup>1</sup>*Department of Speech, Language & Hearing Sciences, Boston University*

<sup>2</sup>*Departments of Neuroscience and Biology, Stonehill College*

<sup>3</sup>*Department of Biomedical Engineering, Boston University*

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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](mailto: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](mailto:ycchang@mx.nthu.edu.tw) ; [ffhsieh@mx.nthu.edu.tw](mailto: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](mailto:steven.alcorn@utexas.edu) ; [rajka@austin.utexas.edu](mailto: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](mailto: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](mailto:yoonmi.oh@canterbury.ac.nz)

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

2. Harim Kwon<sup>1,2</sup> Ioana Chitoran<sup>2</sup>

<sup>1</sup>*George Mason University*; <sup>2</sup>*Université Paris Diderot*  
[hkwon20@gmu.edu](mailto:hkwon20@gmu.edu) ; [ioana.chitoran@univ-paris-diderot.fr](mailto:ioana.chitoran@univ-paris-diderot.fr)

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

3. <sup>1,2</sup>Tom Lentz, <sup>2</sup>Marianne Pouplier, <sup>2</sup>Phil Hoole

<sup>1</sup>*University of Amsterdam*; <sup>2</sup>*IPS Munich, Ludwig Maximilians Universität*

[T.O.Lentz@uva.nl](mailto:T.O.Lentz@uva.nl); [pouplier@phonetik.uni-muenchen.de](mailto:pouplier@phonetik.uni-muenchen.de); [hoole@phonetik.uni-muenchen.de](mailto: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](mailto: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](mailto:boyd.michailovsky@gmail.com)

11 h 25 – 11 h 35

Chiara Celata<sup>1</sup>, Giulia Bracco<sup>2</sup>

**Probabilistic phonotactics in visual word recognition within and across morphological boundaries**

<sup>1</sup>*Scuola Normale Superiore di Pisa*, <sup>2</sup>*Università di Salerno*

11 h 35 – 11 h 45

Donald Shuxiao Gong

**Grammaticality and lexical statistics in Chinese unnatural phonotactics**

University of Kansas

[gong@ku.edu](mailto:gong@ku.edu)

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.