

PhonolEEGy

Contributions from electrophysiological research to phonological theory

Nice, 1st and 2nd October 2020

Programme

Keynotes: 40+10

Talks: 20+10

Posters: two sessions of 4 posters, each 5+general discussion

Breaks: originally designed to promote exchange and therefore 20 min. Now virtual coffee, people still stand together and chat.

Time zones:

- schedule is in Nice time = UTC+2
- location and time zone of remote presenters is shown
- when available, information about the modality of presentation is shown (live, prerecorded)

October 1st

9:30 welcome

Chair for the morning talks: R. Wiese

9:40 keynote 1

Mathias Scharinger

[Marburg, UTC+2]

Electrophysiological evidence for predictions in phonology

10:30 break

vowel MMN

10:50 Nadine de Rue

[Nijmegen, UTC+2]

Contrast and conflict in Dutch vowels

11:20 Cesko Voeten

[Leiden, UTC+2]

The electrophysiological processing of on-going phonological change: what can EEG tell us?

11:50 lunch

October 1st (continued)

- posters
Chair: K. Broś
- 13:30 Ao Chen
[UTC+8, prerecorded]
Neural Evidence of Phoneme Categorization in Infancy
- 13:35 Ryan Rhodes, Enes Avcu, Arild Hestvik
[New Jersey, UTC-4, prerecorded]
Encoding and Representation of Phonetically-Varying Speech Sounds
- 13:40 Maud Péliissier & Emmanuel Ferragne
[Norway, Paris, UTC+2]
The N400 as a sociophonetic marker
- 13:45 discussion of the 3 posters
- 14:05 break
- production
Chair for the remaining talks this day: C. Voeten
- 14:30 Caicai Zhang, Ziyi Pan, Xunan Huang, Stephen Politzer-Ahles, Gang Peng, Chang Wang, Yuyu Zeng, Jie Zhang
[Kansas, UTC-5; Beijing, UTC+8; prerecorded]
The neural encoding of Mandarin T3 sandhi in speech production
- 15:00 Tobias Scheer, Alexander Chabot, Mirjam de Jonge
[Nice, UTC+2, live]
EEG evidence detecting those alternations that are truly phonological
- 15:30 break
- 15:50 keynote 2
William Idsardi
[Maryland, UTC-4]
Place, rate and oscillatory codes for speech and phonology
- 16:40 end of the day

October 2nd

Chair for keynote 3: M. Scharinger
9:00 keynote 3
Sharon Peperkamp
[Paris, UTC+2]
Compensation for assimilation in adults and infants

9:50 break

posters
Chair: A. Götz
10:10 Veno Volenec
[Montreal, UTC-4]
Phonological Features as Neural Symbols
10:15 Philippe Martin
[Paris, UTC+2, live]
Are delta oscillations synchronized by stressed syllables?
10:20 Stefanie Türk, Jonas Gerards, Mathias Scharinger & Ulrike Domahs
[Marburg, UTC+2]
Processing of native and non-native vowel contrasts in German and Spanish:
Asymmetric responses to German mid-high vowels
10:25 discussion of the 4 posters

10:45 break

Chair for keynote 4: Sh. Peperkamp
11:10 keynote 4
Aditi Lahiri
[Oxford, UTC+1]
Consequences of PHONOLOGY in listening

12:00 lunch

suprasegmental
Chair: A. Chabot
13:30 Enes Avcu, Ryan Rhodes, Arild Hestvik
[Boston, UTC-4, live]
Locality matters: neural responses show local, but not piecewise, learning
14:00 Karolina Broś
[Warsaw, UTC+2]
Suprasegmental features in lexical processing – insights from ERP research

14:30 break

October 2nd (continued)

Chair for the remaining talks this day: B. Idsardi
tone MMN

14:50 Yuyu Zeng, Jie Zhang, Robert Fiorentino
[Kansas, UTC-5, live]

Neurophysiological Responses Elicited by Mismatch in Underlying Representation of
Lexical Items Involving Alternation

15:20 Antonia Götz, Anna Krasotkina, Gudrun Schwarzer & Barbara Höhle
[Potsdam, UTC+2]

Neural underpinnings of lexical tone and vowel perception: Acoustic or phonological
processing?

15:50 break

16:10 keynote 5
[Marburg, UTC+2]

Richard Wiese
External evidence? - Phonology and EEG studies

17:00 end of the day