



Dear colleagues,

The Neurolinguistics Laboratory at the National Research University Higher School of Economics (HSE) invites you to join us in **Moscow, Russia**, for our [fifth annual Summer Neurolinguistics School](#) on **May 21-23, 2018**. This year, the topic is **Brainwaves of Language: Neural Oscillations and Language Processing**. The school will be devoted to neuroscience methods based on the electrical activity of the brain (electroencephalography, event-related potentials, magnetoencephalography, intracranial electroencephalography) and their use to study language processing. Our confirmed speakers include Roelien Bastiaanse (University of Groningen), Anna Chrabaszcz (University of Pittsburgh), Tommaso Fedele (University of Zurich), Matteo Feurra (National Research University Higher School of Economics), Nikolay Novitskiy (The Chinese University of Hong Kong), Vitória Piai (Donders Centre for Cognition and Radboud University Medical Centre), and Tatiana Stroganova and Olga Sysoeva (Moscow State University of Psychology and Education). The school will also feature a poster session, welcoming submissions from all fields of neurolinguistics.

What to expect?

The purpose of the school is to serve both as an educational event for students entering the field and as an academic environment where researchers and clinicians can exchange ideas and discuss the latest achievements in the field.

The school program will include three days of invited talks and one poster session. The invited talks will introduce various electrophysiological methods (electroencephalography, event-related potentials, magnetoencephalography, intracranial electroencephalography) and discuss their applications to study speech and language in the healthy and clinical populations. The poster session invites submissions on a wide range of topics related to neurolinguistics and/or brain stimulation.

Who should be interested?

The program will be of interest to professionals and students in the fields of Neuroscience, Speech-Language Pathology, Linguistics, Psychology, Medicine, Biology, Cognitive Science, and related fields. The lectures will provide relevant content both for students who are just entering the field and for more advanced researchers and clinicians.

Participation cost

Students of the National Research University Higher School of Economics: free
Students of other universities: 500 RUB (appr. 8 euros)
Non-student participants: 1 000 RUB (appr. 15 euros)

Important dates

23 April 2018 (23:59 GMT) - poster [abstract submission](#) deadline.

1 May 2018 - notification of acceptance of abstracts.

5 May 2018 - [registration](#) deadline. To complete registration, participants must pay the registration fee if applicable.

21–23 May 2018 - meeting dates.

Important information

- The event venue is: Moscow, National Research University Higher School of Economics, address to be announced.
- The working language of the Summer School is English. No translation to Russian will be provided.
- To attend the school, participants need to [register](#) and pay the registration fee if applicable. The online payment link is e-mailed to registered participants.
- Abstract submissions are encouraged but not required to participate in the school.
- If you need a visa to enter Russia, please see our [practicalities page](#) for further information.

Contacts

More information is available at our website:

https://www.hse.ru/neuroling/summer_school_2018/

Should you have any questions, please contact us at

neuroling.summer.school.2018@gmail.com

We look forward to meeting you in Moscow!

Sincerely,
The Organizing Committee

School Schedule

The schedule is preliminary and may be subject to change.

Time	Topic	Lecturer
May 21, Monday		
9:00-10:00	<i>Registration</i>	
10:00-10:15	Opening remarks	Olga Dragoy ¹ , Roelien Bastiaanse ^{2,1} Nikolay Novitskiy ³
10:15-11:30	The fundamentals of neural oscillations and EEG	
11:30-11:45	<i>Coffee break</i>	
11:45-13:00	Modulation of physiological and behavioral indexes by cortical transcranial oscillatory potentials	Matteo Feurra ⁴
13:00-14:00	<i>Lunch break</i>	
14:00-15:15	Event-related potentials in language research	Nikolay Novitskiy ³
15:15-15:30	<i>Coffee break</i>	
15:30-16:45	Poster session	
May 22, Tuesday		
10:00-11:15	Intracranial neurophysiology: from recording setup to data processing	Tommaso Fedele ⁵
11:15-11:30	<i>Coffee break</i>	
11:30-12:45	Oscillations in language - 1	Vitória Piai ⁶
12:45-14:00	<i>Lunch break</i>	
14:00-15:15	Oscillations in language - 2	Vitória Piai ⁶
15:15-15:30	<i>Coffee break</i>	
15:30-16:45	Single neuron activity in the mesial temporal lobe	Tommaso Fedele ⁵
18:00	<i>Social dinner (venue to be announced)</i>	
May 23, Wednesday		
10:00-11:15	What do we gain from MEG?	Olga Sysoeva ⁷
11:15-11:30	<i>Coffee break</i>	
11:30-12:45	Language and motor systems in the brain	Tatiana Stroganova ⁷
12:45-14:00	<i>Lunch break</i>	
14:00-15:15	Extracting neural representations of speech sounds from high gamma oscillations	Anna Chrabaszcz ⁸
15:15-16:45	How can EEG help us to identify the nature of underlying deficits in aphasia?	Roelien Bastiaanse ^{2,1}

Lecturer affiliations:

1 - *Neurolinguistics Laboratory, National Research University Higher School of Economics, Moscow, Russia*

2 - *University of Groningen, Groningen, Netherlands*

3 - *The Chinese University of Hong Kong, Hong Kong*

4 - *Centre for Cognition and Decision-Making, National Research University Higher School of Economics, Moscow, Russia*

5 - *University of Zurich, Zurich, Switzerland*

6 - *Donders Centre for Cognition and Radboud University Medical Centre, Nijmegen, Netherlands*

7 - *Center for Neurocognitive Research (MEG Center), Moscow State University of Psychology and Education, Moscow, Russia*

8 - *University of Pittsburgh, Pittsburgh, PA, United States*