

# 1<sup>st</sup> International Seminar on the Foundations of Speech

BREATHING, PAUSING, AND THE VOICE

1<sup>st</sup> – 3<sup>rd</sup> December 2019 in Sønderborg, Denmark



## Theme

Communication rests on a complex pattern of voicing, breathing and non-voicing, i.e. pausing. Therefore, breathing, pausing, and the voice together form the basis for all phonetic and phonological aspects of language. The International Seminar on the Foundations of Speech (SEFOS) is specifically dedicated to the energetic mechanisms, states, and patterns of communication as well as to the multifaceted coloring and communicative functions of the voice. SEFOS aims to bring together researchers from different disciplines, such as phonetics, phonology, psychology, medicine, acoustics, rhetoric, management, speech technology, and computer linguistics.

## Venue

SEFOS will be held from 1<sup>st</sup> - 3<sup>rd</sup> December 2019 at the University of Southern Denmark, Campus Sønderborg.

# Topics

We invite contributions on all the various aspects of breathing, pausing, and the voice from the speech sciences and all related disciplines. Topics of interest include (but are not limited to):

- acoustic and physiological analyses of speech breathing
- breathing, pausing, and phonation patterns under different mental, emotional, physical conditions
- pathological/clinical aspects of breathing, pausing, and the voice, including pain
- personality traits (including attractiveness), speaking styles, and their links to breathing, pausing, and the voice
- breathing, pausing, and/or voice patterns in human-machine-interaction and speech technology in general
- interrelations between breathing, pausing, and the voice
- interrelations with other features of prosody, such as F0 and intensity
- silent, fluent, and disfluent pauses, hesitation phenomena
- breathing, pausing and interaction, turn-taking, discourse control
- forms and functions of voice quality in communication
- singing and its relation to phonation and breathing
- new technological or methodological development on the analysis of breathing, pausing, and the voice
- recourses and corpora



# Submission and deadlines

Submissions to SEFOS should be made in the form of extended abstracts, consisting of 2 pages of text plus a third page for figures and references. The abstract template is provided on our website: [www.sefos.dk](http://www.sefos.dk)

Please submit your extended abstract to [sefos@sdu.dk](mailto:sefos@sdu.dk) and indicate in your email whether you would prefer an oral or a poster presentation (A0 portrait).

**Deadline for submissions is the 30<sup>th</sup> of September 2019. This deadline will NOT be extended!**

Submissions will be subject to anonymous peer review by two reviewers. Information about acceptance/rejection will be provided on the 15th of October.

Note that the peer-review is only to check whether the submissions meet basic scientific standards concerning method and analysis. No papers that meet these standards will be excluded unless the maximum number of submissions (100) is exceeded. Therefore, we strongly encourage authors to register for SEFOS as soon as they submit their paper, or even earlier.

**All authors who register for SEFOS before 30<sup>th</sup> of June only pay the reduced student fee of €90!**

Accepted contributions will have the opportunity to hand in revised abstracts until one week before the seminar. Accepted papers will be included in the proceedings of SEFOS (with ISBN number).

Note that authors of selected papers will have the opportunity to publish a full paper in a special issue of the International Journal of Linguistics (Acta Linguistica Hafniensia): [www.bit.ly/20he1bk](http://www.bit.ly/20he1bk)

## Registration fees

**Regular participant: 150 €**

**Student participant (incl. PhD students): 90 €**

The registration fee includes the SEFOS Proceedings, a conference bag, free lunch breaks (food and soft drinks), a welcome reception, and a social event.

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## Keynotes

**Stylistic and cross-linguistic differences in the prosodic organization of breathing, stressing, and pausing,**  
Plinio Barbosa, Department of Linguistics, Unicamp, Campinas, Brazil

**Breathing in interaction between humans and between humans, machines and robots**  
Jens Edlund, Department of Speech, Music and Hearing, KTH Royal Institute of Technology, Stockholm, Sweden

**Our voice: A multifaceted finely-tuned instrument for any occasion and culture**  
Donna Erickson, Kanazawa Medical University, Kanazawa, Japan / Haskins Laboratories, USA





## Local organization committee

Oliver Niebuhr, Mads Clausen Institute, SDU Electrical Engineering,  
Centre for Industrial Electronics, University of Southern Denmark, Denmark

Jana Neitsch, Mads Clausen Institute, SDU Electrical Engineering,  
Centre for Industrial Electronics, University of Southern Denmark, Denmark

Jan Michalsky, Chair of Technology Management,  
Friedrich-Alexander-University Nuremberg, Germany

Stephanie Berger, Dept. of General Linguistics, Institute of Scandinavian Languages,  
Frisian, and General Linguistics, Kiel University, Germany

Kerstin Fischer, Department of Design and Communication,  
University of Southern Denmark, Denmark

## Contact

If you have any questions  
or wish to contact us  
you are welcome to write us at

**sefos@sdu.dk**

# Transportation

## **Copenhagen - Sønderborg:**

Flying will take approx. 35 minutes .

Departures 5 times a day on work days, and potentially an additional flight on Sunday 1st of December 2019 for SEFOS participants.

## **Hamburg - Sønderborg:**

Trains run every 30 minutes via connections at Hamburg Central Station and Flensburg

## **Billund - Sønderborg:**

Busses and trains run with an interval of 30-60 minutes from the airport to Sønderborg via Vejle Station





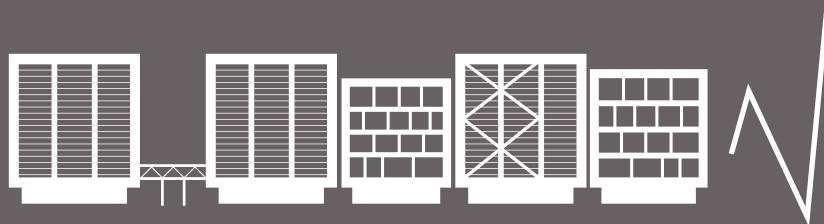


## Social activities

We look forward to offer you a visit to a traditional Christmas markets with wooden stalls, handmade products and steaming hot mulled wine.

The welcome reception will be held on the top-floor at the newly-opened Alsik Hotel on the waterfront with beautiful views over Sønderborg by night.





We look forward to welcome you to the  
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