

30 August – 3 September 2021

INTERSPEECH 2021

BRNO | CZECHIA

*Speech
everywhere!*

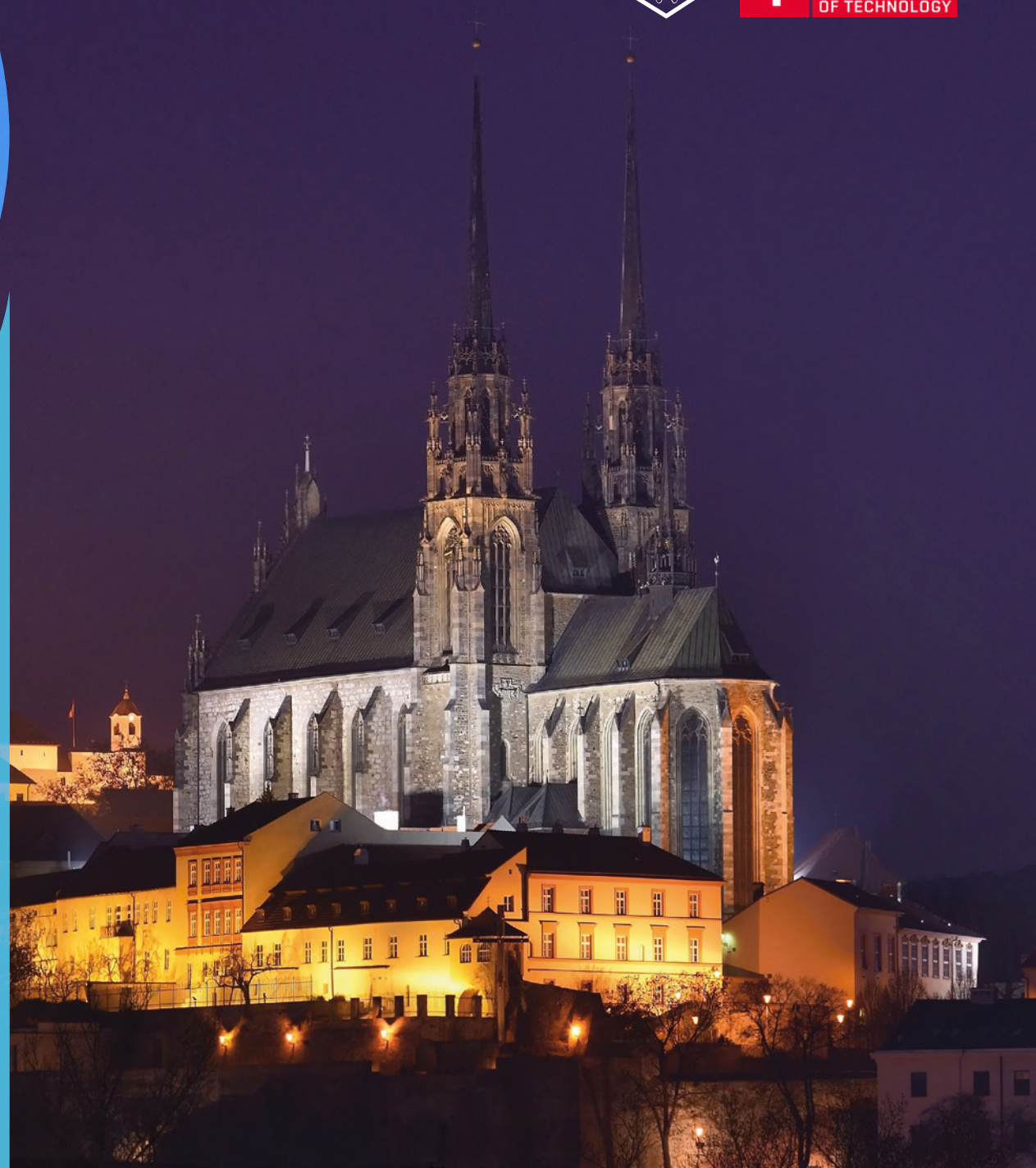
@BVV Brno and BUT Faculty of Inf. Technology

General chairs:

Hynek Heřmanský
and Honza Černocký

SAVE THE DATE

www.interspeech2021.org





DEAR BUSINESS PARTNERS,

It is our great privilege to inform you that the **INTERSPEECH 2021 will be held in Brno, Czech Republic from August 30 to September 3, 2021.**

INTERSPEECH is the world's largest and most comprehensive conference on the science and technology of spoken language processing. INTERSPEECH conferences emphasize interdisciplinary approaches addressing all aspects of speech science and technology, ranging from basic theories to advanced applications.

INTERSPEECH 2021 will take place at BVV Brno Trade Fair Center ranking among the largest exhibition centers in Europe. The complex opened in 1928 and established the tradition of large exhibitions and trade fairs held in Brno. **The Tutorial day and some satellite events will take place at Brno University of Technology Faculty of Information Technology (BUT FIT)** that offers the charm of a 13th century monastery recently reconstructed and decently combined with modern, award winning, architecture.

Brno is without question one of the most attractive tourist destination in the Czech Republic. Moreover, the capital of the South Moravian Region offers a good strategic position: while being far less expensive and with much less tourist-crowds than Prague, it can be easily reached from all over the world. It is not by chance **Brno made to the list of Top 52 cities to visit in 2016 by the New York Times.**

The theme of INTERSPEECH 2021 is **"Speech everywhere". Speech is becoming an indispensable part of all AI systems and no longer considered an isolated block.** We are seeing the emergence of larger systems that treat speech, vision, language, interfaces, external knowledge in an integrated way, and learn multimodal embeddings, or otherwise jointly optimize performance. "Speech

everywhere" also requires speech engineering to become more aware of the principles of human speech communication processes, and we therefore specifically encourage contributions in human speech processing.

In addition to regular oral and poster sessions, INTERSPEECH 2021 will feature plenary talks by internationally renowned experts, tutorials, special sessions and challenges, show & tell sessions, and exhibits. A number of satellite events will also take place around INTERSPEECH 2021.

We are sure you will seriously consider this heartfelt invitation and we will be pleased to welcome your company as one of the sponsors/exhibitors of the Congress.

SEE YOU ALL IN BRNO IN AUGUST / SEPTEMBER 2021 !



Hynek Heřmanský
(Johns Hopkins University and Brno
University of Technology)



Honza Černocký
(Brno University of Technology)

General Chairs

SAVE THE DATE

Dear business partners,

I hope you will kindly accept my sincere invitation enabling us to welcome you at the **INTERSPEECH 2021** which will take place in Brno, BUT Faculty of Information Technology, on August 30 – September 3, 2021.

The exhibition and partnership programme of **INTERSPEECH 2021** will be greatly valued as it will demonstrate the state-of-the art technology and services. We will develop an attractive range of partnership packages in order to provide you optimal visibility, opportunities to meet and greet, and to discuss business opportunities with participants.

THE OFFICIAL PARTNERSHIP PROSPECTUS WILL BE PUBLISHED ON DECEMBER 7TH, 2020, but we kindly ask you **to save the date** and consider your adequate support to this congress in advance.

Needless to say, no congress can be organized without the support with the respectful collaboration of both congress organizers and partners as they will eventually benefit both sides.

Your answer at your earliest convenience together with suggestions regarding further details of such collaboration will be highly appreciated.



Should you need any other information do not hesitate to contact me.

With best regards,

On behalf of the INTERSPEECH 2021 Organizing committee

Romana KLUKOVÁ
Project Manager

**GET
READY!**

Partnership
prospectus
available on
**December 7th,
2020!**

MEETING SECRETARIAT



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www.interspeech2021.org

ORGANISING TEAM OF INTERSPEECH 2021



ISCA

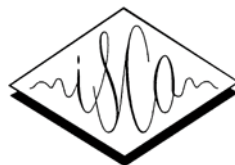
ISCA is a non-profit organization. Its original statutes were deposited on February 23rd at the Prefecture of Grenoble in France by René CARRE and registered on March 27th, 1988.

The association started as ESCA (European Speech Communication Association) and, since its foundation, has been steadily expanding and consolidating its activities. It has offered an increasing range of services and benefits to its members and also it has put its financial and administrative functions on a firm professional footing. Indeed, over the ten years of its existence, ESCA has evolved from a small EEC-supported European organization to a fully-independent and self-supporting international association.

At the General Assembly that took place during the Eurospeech conference in Budapest (September 1999), ESCA became a truly international association in the global field of speech science and technology, changing its name to ISCA (International Speech Communication Association) and modifying its statutes accordingly.

The purpose of the association is to promote, in an international world-wide context, activities and exchanges in all fields related to speech communication science and technology. The association is aimed at all persons and institutions interested in fundamental research and technological development that aims at describing, explaining and reproducing the various aspects of human communication by speech, that is, without assuming this enumeration to be exhaustive, phonetics, linguistics, computer speech recognition and synthesis, speech compression, speaker recognition, aids to medical diagnosis of voice pathologies.

For more information about ISCA visit their website: www.isca-speech.org



BRNO UNIVERSITY OF TECHNOLOGY

Faculty of Information Technology

Department of Computer Graphics and Multimedia

Department of Computer Graphics and Multimedia (DCGM) deals with research and education in human-computer interaction, multimedia and multimodal data mining, image and video processing, computer graphics, speech data mining, advanced approaches to automatic control, knowledge technologies and big data processing. It builds on fundamentals of mathematics, physics, theoretical informatics, control theory and machine learning. It uses advanced computational architectures - super-computers, computing clusters, GP-GPU accelerators and specialized architectures of field-programmable gate arrays (FPGA) and signal processors (DSP).

At the Brno University of Technology, DCGM is the unit with the highest number of EC-funded projects (for example, 24 projects in the 7th Framework Programme and new projects in Horizon2020), it has projects funded by U.S. agencies DARPA and IARPA and a large number of locally funded projects. DCGM intensively cooperates with both Czech and international industry. The members of DCGM have founded a number of innovative spin-off companies: Camea, Phonexia, 3DimLaboratory, ReplayWell and AngelCam.





BRNO

Brno, the Czech Republic's second-largest city, has a population of nearly 400,000 people. It lies in the central part of Europe and within its two hundred-kilometre radius there are other important European capitals: Prague, Vienna and Bratislava. Brno is an administrative and cultural centre of the South Moravian Region.

The South Moravian capital perfectly combines history, modern architecture and culture. There are a lot of things to see, for example, the legendary Tugendhat Villa, the mysterious underground, the atomic bomb shelter for the chosen few, an infamous jail and the second-largest ossuary in Europe.

For more information please go to www.gotobrna.cz.

VENUE

Brno Exhibition Centre (BVV Brno)

Výstaviště 405/1 | 603 00 Brno | Czech Republic

www.bvv.cz

BVV Trade Fairs Brno is one of the most prominent trade fairs organizers in Central and Eastern European countries. At the moment, the Brno Exhibition Centre offers more than 130,000 sq m of net exhibition area thus ranking among the world largest exhibition centres. Brno Exhibition Centre first opened in 1928 commemorating the first decennium of independent Czechoslovakia founded in 1918. Brno as a location for the new exhibition centre was chosen on purpose being conveniently situated between Prague and Bratislava. Several exhibition halls on the fairground are referred to as true jewels of functionalist architectural style. The latest addition to the fairground complex is the P Hall opened in June 2009 offering over 10,000 sq m of net exhibition area.



DATES & TOPICS

IMPORTANT DATES

| | |
|-----------------------|---|
| December 9, 2020 | Special session/challenges proposals due |
| January 6, 2021 | Notification of pre-selection |
| February 1, 2021 | Submission portal opens |
| February 25, 2021 | Tutorial proposals due |
| February 28, 2021 | Satellite workshops/events proposals due |
| March 2, 2021 | Registration portal opens |
| March 26, 2021 | Paper submission deadline |
| April 2, 2021 | Paper update deadline |
| April 26, 2021 | Show & Tell proposals due |
| May 1, 2021 | Paper review deadline |
| May 12, 2021 | Survey proposals due |
| June 2, 2021 | Paper acceptance/rejection notification |
| June 2, 2021 | Final list of special sessions |
| June 15, 2021 | Final paper upload with covering registration due |
| June 25, 2021 | Early-bird registration deadline |
| August 24, 2021 | Late registration deadline |
| from August 25, 2021 | Onsite registration deadline |

SCIENTIFIC AREA TOPICS

Original papers are solicited in, but not limited to, the following areas:

1. Speech Perception, Production and Acquisition
2. Phonetics, Phonology, and Prosody
3. Analysis of Paralinguistics in Speech and Language
4. Speaker and Language Identification
5. Analysis of Speech and Audio Signals
6. Speech Coding and Enhancement
7. Speech Synthesis and Spoken Language Generation
8. Speech Recognition — Signal Processing, Acoustic Modeling, Robustness, Adaptation
9. Speech Recognition — Architecture, Search, and Linguistic Components
10. Speech Recognition — Technologies and Systems for New Applications
11. Spoken Dialog Systems and Analysis of Conversation
12. Spoken Language Processing — Translation, Information Retrieval, Summarization, Resources and Evaluation
13. Speech, voice, and hearing disorders

ORGANISING COMMITTEE



General chairs:

Hynek Heřmanský (Johns Hopkins University and BUT)
Honza Černocký (BUT)

Technical chairs:

Lukáš Burget (BUT) - Lead chair
Lori Lamel (LIMS)
Odette Scharenborg (TU Delft)
Petr Motlíček (IDIAP and BUT)

Publications:

Ralf Schlüter (RWTH Aachen University)
Jindřich Matoušek (University of West Bohemia Plzeň)

Local Organization:

Renata Kohlová (BUT)
Katka Zemanová (Phonexia)
Barbara Schuppler (TU Graz)

Plenaries:

Mark Gales (University of Cambridge)
Jan Hajič (Charles University Prague)

Special Sessions & Challenges:

Sakriani Sakti (NAIST / RIKEN AIP)
Pavel Ircing (UWB Plzeň)

Tutorials:

Yenda Trmal (JHU)
Anil Kumar Vuppala (IIIT-Hyderabad)

Satellite Workshops:

S Umesh (IIT-Madras)
Tomohiro Nakatani (NTT)

Industry Liaison:

Petr Schwarz (Phonexia)
Bhuvana Ramabhadran (Google)

Sponsoring:

Ilya Oparin (Apple)
Sanjeev Khudanpur (Johns Hopkins University)

Exhibits:

Petr Pollák (CTU Prague)
Igor Szöke (BUT)

Show and Tell:

Najim Dehak (Johns Hopkins University)
Reinhold Haeb-Umbach (Paderborn University)

Social events:

Oldřich Plchot (BUT)
Ondřej Glembek (BUT)

Finances:

Sylva Otáhalová (BUT)
Gernot Kubin (TU Graz)

Publicity:

Jan Kleindienst (IBM Prague)
Kai Yu (Shanghai Jiao Tong University)
Florian Metze (Facebook)

Grants:

Esther Klabbers (ReadSpeaker)
Mireia Diez Sanchez (BUT)

Diversity and inclusion:

Julia Hirschberg (Columbia University)
Heidi Christensen (University of Sheffield)

Student coordinator:

Kateřina Žmolíková (BUT)
Karel Beneš (BUT)

Professional conference organizer

GUARANT International spol. s r.o. (GI)

Project Manager

Romana Kluková (GI)

Senior Industry Liaison Officer

Adela Koudelková (GI)

Technical Programme Coordinator

Jan Kolar (GI)