

The International Conference on Spoken Language Translation

ACL – 17th IWSLT 2020 – First Call for Participation

July 9-10, 2020 – Seattle, WA, USA
<http://iwslt.org>

The International Conference on Spoken Language Translation (IWSLT) is an annual scientific **conference** for the study, development and evaluation of **spoken language translation** technology: **speech-to-text**, **speech-to-speech** translation, **simultaneous** and **consecutive translation**, speech **dubbing**, **cross-lingual communication** including all **multimodal**, **emotional**, **paralinguistic**, and **stylistic** aspects and their applications in the field. The conference organizes evaluations and workshop sessions around challenge areas, and presents scientific work and system descriptions. In 2020, IWSLT will be co-located with ACL, in Seattle, WA, USA.

IMPORTANT DATES

Evaluation Campaign:

January 2020: release of train and dev data
March 2020: evaluation period
April 6, 2020: system description deadline
May 4 - 2020: review feedback
May 18 - 2020: camera-ready version due

Scientific program:

January 15, 2020: proposal of workshop sessions
January 24 2020: workshop session notification
April 6, 2020: paper submission deadline
May 4, 2020: paper notification
May 18, 2020: camera-ready version due

Evaluation

IWSLT 2020 will feature **five challenges** that address the following focus areas:

- **Offline speech translation** (Chair: M. Turchi, FBK) – overcoming the cascaded approach
- **Simultaneous translation** (Chair: J. Gu, Facebook) – low latency, real-time translation
- **Conversational speech translation** (Chair: E. Salesky, JHU) – highly disfluent speech
- **Open domain translation** (Chair: A. Nagesh, Didi Labs) – new domains and languages
- **Non-native speech translation** (Chair: O. Bojar, Charles U.) – non-native disfluent speech

Training and development data for each challenge will be released. Organizers will provide baseline component systems to participants that do not have access to an individual component. Human and automatic scoring will be performed on each challenge, published and discussed. An opportunity for secondary system submissions will be given in the week following primary submissions.

Conference

IWSLT invites submissions of **workshop sessions** for focused presentations and discussions, as well as **scientific papers** to be published in the proceedings and presented either in oral or poster format. The conference selects high quality, original contributions on theoretical and practical issues of automatic speech recognition (ASR), machine translation (MT) speech synthesis (TTS) pertaining to spoken language translation (SLT). More specific topics include:

Approaches and performance
End-to-end models
Evaluation, metrics, benchmarks, usability
Paralinguistic aspects in interpretation
Language resources
Open source software
Multilingual approaches
Sign language translation

Under-resourced languages
Multimodal Interfaces
Architectures
Adaptation
Post- and pre-processing
Efficiency, speed, latency
Applications
Discourse and context aware translation