14th International Workshop on Spoken Language Translation
Program, December 14th

Thursday, December 14th, 2017

08:15 – 09:00 Workshop Registration

09:00 – 09:30 Welcome Remarks (1F 102 Presentation Room)
Satoshi Nakamura, IWSLT 2017 Workshop Chair (NAIST, Japan)
Alex Waibel, IWSLT Steering Committee (CMU, USA & KIT, Germany)
Fumihiko Tomita, NICT Vice President (NICT, Japan)

09:30 – 10:30 Invited Talk 1 (1F 102 Presentation Room)
“The Move to Neural Machine Translation at Google”, Mike Schuster (Google, USA)

10:30 – 11:00 Coffee Break

11:00 – 12:00 Report (1F 102 Presentation Room)
“Overview of the IWSLT 2017 Evaluation Campaign”, Mauro Cettolo (FBK, Italy), Marcello Federico (FBK, Italy), Luisa Bentivogli (FBK, Italy), Jan Niehues (KIT, Germany), Sebastian Stüker (KIT, Germany), Katsuhito Sudoh (NAIST, Japan), Koichiro Yoshino (NAIST, Japan), and Christian Federmann (Microsoft, USA)

12:00 – 13:30 Lunch
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13:30 – 15:30 Poster and Exhibition Session (2F 205 Presentation Room)

13:30 – 15:30 Scientific Papers

P01:
“Neural Machine Translation Training in a Multi-Domain Scenario”,
Hassan Sajjad (QCRI-HBKU, Qatar), Nadir Durrani (QCRI-HBKU, Qatar),
Fahim Dalvi (QCRI-HBKU, Qatar), Yonatan Belinkov (MIT CSAIL, USA)
and Stephan Vogel (QCRI-HBKU, Qatar)

P02:
“Domain-Independent Punctuation and Segmentation Insertion”,
Eunah Cho (KIT, Germany), Jan Niehues (KIT, Germany), and Alex Waibel (KIT, Germany)

P03:
“Synthetic Data for Neural Machine Translation of Spoken-Dialects”,
Hany Hassan (MSR AI, USA), Mostafa Elaraby (MSR AI, USA) and
Ahmed Tawfik (MSR AI, USA)

P04:
“Toward Robust Neural Machine Translation for Noisy Input
Sequences”, Matthias Sperber (KIT, Germany), Jan Niehues (KIT, Germany), and Alex Waibel (KIT, Germany)

P05:
“Monolingual Embeddings for Low Resourced Neural Machine
Translation”, Mattia Antonino Di Gangi (FBK & University of Trento, Italy) and
Marcello Federico (FBK, Italy)

P06:
“Effective Strategies in Zero-Shot Neural Machine Translation”, Thanh-Le Ha (KIT, Germany), Jan Niehues (KIT, Germany) and Alex Waibel (KIT, Germany)
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13:30 – 15:30 System Description Papers

P07:
“Going Beyond Zero-Shot MT: Combining Phonological, Morphological and Semantic Factors. The UdS-DFKI System at IWSLT 2017”, Cristina España-Bonet (UdS & DFKI GmbH, Germany) and Josef van Genabith (UdS & DFKI GmbH, Germany)

P08:
“The Samsung and University of Edinburgh’s submission to IWSLT17”, Pawel Przybysz (Samsung, Poland), Marcin Chochowski (Samsung R&D Center, Poland), Rico Sennrich (University of Edinburgh, UK), Barry Haddow (University of Edinburgh, UK) and Alexandra Birch (University of Edinburgh, UK)

P09:
“The RWTH Aachen Machine Translation Systems for IWSLT 2017”, Parnia Bahar (RWTH Aachen, Germany), Jan Rosendahl (RWTH Aachen, Germany), Nick Rosenbach (RWTH Aachen, Germany), and Hermann Ney (RWTH Aachen, Germany)

P10:
“FBK’s Multilingual Neural Machine Translation System for IWSLT 2017”, Surafel Melaku Lakew (FBK & University of Trento, Italy), Quintino Francesco Lotito (Uni. Trento, Italy), Marco Turchi (FBK, Italy), Matteo Negri (FBK, Italy), and Marcello Federico (FBK, Italy)

P11:
“KIT’s Multilingual Neural Machine Translation systems for IWSLT 2017”, Ngoc-Quan Pham (KIT, Germany), Matthias Sperber (KIT, Germany), Elizabeth Salesky (KIT, Germany), Thanh-Le Ha (KIT, Germany), Jan Niehues (KIT, Germany), and Alex Waibel (KIT, Germany & CMU, USA)
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13:30 – 15:30  Exhibitions

Ex1: “Multilingual Translation System”, Panasonic Corporation, Japan

Ex2: “Superfast Online Speech Recognition with Offline Translation for CH/EN/JA/KO”, Kodensha Co., Ltd., Japan

Ex3: “NAIST Japanese-to-English Simultaneous Interpretation System”, NAIST, Japan

Ex4: “VoiceTra: Multilingual Speech Translation Application”, NICT, Japan

15:30 – 16:00  Coffee Break

16:00 – 17:30  Oral Session 1 (1F 102 Presentation Room)

16:00 – 16:30  O1-1: “Towards Better Translation Performance on Spoken Language”, Chao Bei (GTCOM, China) and Hao Zong (GTCOM, China)

16:30 – 17:00  O1-2: “Kyoto University MT System Description for IWSLT 2017”, Raj Dabre (Kyoto University, Japan), Fabien Cromieres (JST, Japan) and Sadao Kurohashi (Kyoto University, Japan)

17:00 – 17:30  O1-3: “The 2017 KIT IWSLT Speech-to-Text Systems for English and German”, Thai Son Nguyen (KIT, Germany), Markus Müller (KIT, Germany), Matthias Sperber (KIT, Germany), Thomas Zenkel (KIT, Germany), Sebastian Stüker (KIT, Germany), and Alex Waibel (KIT, Germany)
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18:00 – 20:00  Social Event: Dinner
Banquet at RIHGA Royal Hotel Tokyo
3F Garden Terrace

Map and direction to the banquet place (10-minute walk)

From RIHGA Royal Hotel Tokyo:
To Tokyo Metro Waseda Station: 10-minute walk
To JR Takadanobaba Station
- Free shuttle bus from hotel bus stop: 09:00 to 21:00, every 00/30 minutes
- 8 minutes by taxi (900 - 1,000 JPY)
- 30-minute walk
14th International Workshop on Spoken Language Translation Program, December 15th

Friday, December 15th, 2017

08:30 – 09:30 Workshop Registration

09:30 – 10:30 Invited Talk 2 (1F 102 Presentation Room)
“Simultaneous Interpreting, Cognitive Constraints, and Information Structure”, Akira Mizuno (Aoyama Gakuin University & JAITS, Japan)

10:30 – 11:00 Coffee Break

11:00 – 12:00 Oral Session 2 (1F 102 Presentation Room)

11:00 – 11:30 O2-1:
“CharCut: Human-Targeted Character-Based MT Evaluation with Loose Differences“, Adrien Lardilleux (Fujitsu & DGT, Luxembourg) and Yves Lepage (Waseda University, Japan)

11:30 – 12:00 O2-2:
“Data Selection with Cluster-Based Language Difference Models and Cynical Selection”, Lucia Santamaria (Amazon, Germany) and Amittai Axelrod (Amazon, USA)

12:00 – 13:30 Lunch

13:30 – 15:00 Oral Session 3 (1F 102 Presentation Room)

13:30 – 14:00 O3-1:
“Continuous Space Reordering Models for Phrase-based MT”, Nadir Durrani (QCRI-HBKU, Qatar) and Fahim Dalvi (QCRI-HBKU, Qatar)

14:00 – 14:30 O3-2:
“Evolution Strategy based Automatic Tuning of Neural Machine Translation Systems”, Hao Qin (Tokyo Inst. Tech, Japan), Takahiro Shinozaki (Tokyo Inst. Tech, Japan), and Kevin Duh (JHU, USA)
14\textsuperscript{th} International Workshop on Spoken Language Translation
Program, December 15\textsuperscript{th}

14:30 – 15:00  O3-3: “Improving Zero-Shot Translation of Low-Resource Languages”, Surafel Melaku Lakew (FBK & University Trento, Italy), Quintino Francesco Lotito (University of Trento, Italy), Matteo Negri (FBK, Italy), Marco Turchi (FBK, Italy), and Marcello Federico (FBK, Italy)

15:00 – 15:30  Coffee Break

15:30 – 17:00  Panel Discussion (1F 102 Presentation Room)

Panelists:
- Marcello Federico (FBK, Italy)
- Satoshi Nakamura (NAIST, Japan)
- Hermann Ney (RWTH Aachen, Germany)
- Mike Schuster (Google, USA)
- Alex Waibel (KIT, Germany & CMU, USA)

Topic1: New trends in Spoken Language Translation
Topic2: The Future of the IWSLT Evaluation Campaign

17:00 – 17:30  Closing Remarks and Announcements (1F 102 Presentation Room)
IWSLT 2017 Best Paper Award
Next IWSLT
We are grateful to our silver sponsor:

![ATR-Trek Logo](image)

Our gratitude also goes to our bronze sponsor:

![Kites Logo](image)

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- The Institute of Electronics, Information and Communication Engineers (IEICE)

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- The Information Processing Society of Japan (IPSJ), SIG-SLP
14th International Workshop on Spoken Language Translation
Organizers

IWSLT 2017 Organizers

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• Satoshi Nakamura, NAIST
• Tetsunori Kobayashi, Waseda University

Evaluation Chairs
• Multilingual Task
  • Mauro Cettolo, FBK
  • Marcello Federico, FBK

• Dialog Task:
  • Katsuhito Sudoh, NAIST
  • Koichiro Yoshino, NAIST

• Lecture Task:
  • Jan Niehues, KIT
  • Sebastian Stüker, KIT

• Human Evaluation:
  • Luisa Bentivogli, FBK

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• Alex Waibel, KIT & CMU
• Francois Yvon, CNRS-LIMSI
An ID card is required to access to the 2F 205 presentation room. If you want to access to the room, please ask the registration desk.