



15th International Workshop on Spoken Language Translation Program

Most important – WIFI-Code:

Network: GHC

Password: DrinkaZot!
capital sensitive!

Monday October 29, 2018

- 08:30 - 09:00 Workshop Registration and Welcome-Coffee
- 09:00 - 09:15 **Welcome Remarks**
Marcello Federico, IWSLT 2018 Workshop Chair (FBK/Amazon)
- 09:15 - 10:05 **Invited Speaker**
Multimodal Machine Translation
Prof. Lucia Specia (Imperial College London / University of Sheffield)
- 10:05 - 10:20 **Gold sponsor presentation:**
Aptek
- 10:20 - 10:50 **Coffee Break**
- 10:50 - 11:05 **Silver sponsor presentation:**
M*Modal
- 11:05 - 12:00 **Overview IWSLT 2018:**
Overview of the IWSLT 2018 Evaluation Campaign
- 12:00 - 13:30 **Lunch**
- 13:30 - 15:00 **Oral Session 1:**
13:30 - 14:00 „Samsung and University of Edinburgh’s System for the IWSLT 2018 Low Resource MT Task“
Philip Williams, Marcin Chochowski, Pawel Przybysz, Rico Sennrich, Barry Haddow, Alexandra Birch



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- 14:00 - 14:30 „The USTC-NEL Speech Translation system at IWSLT 2018“
Dan Liu, Junhua Liu, Wu Guo, Shifu Xiong, Zhiqiang Ma, Rui Song, Chongliang Wu, Quan Liu (System description paper)
- 14:30 - 15:00 „Unsupervised Parallel Sentence Extraction from Comparab Corpora“
Viktor Hangya, Fabienne Braune, Yuliya Kalasouskaya, Alexander Fraser (Research paper)
- 15:00 - 15:30 **Coffee Break**
- 15:30 - 17:30 **Poster Session**
- Papers:
- „The JHU/KyotoU Speech Translation System for IWSLT 2018“,
Hirofumi Inaguma, Xuan Zhang, Zhiqi Wang, Adithya Renduchintala, Shinji Watanabe, Kevin Duh
- “The ADAPT System Description for the IWSLT 2018 Basque to English Translation Task”,
Alberto Poncelas, Kepa Sarasola, Andy Way
- “The University of Helsinki submissions to the IWSLT 2018 low-resource translation task”,
Yves Scherrer
- “Prompsit’s Submission to IWSLT 2018 Low Resource Machine Translation Task”,
Víctor M. Sánchez-Cartagena
- “The AFRL IWSLT 2018 Systems: What Worked, What Didn’t”
Brian Ore, Eric Hansen, Katherine Young, Grant Erdmann, Jeremy Gwinnup
- “Alibaba Speech Translation Systems for IWSLT 2018”,
Fei Huang, Nguyen Bach, Chongjia Ni
- “The MeMAD Submission to the IWSLT 2018 Speech Translation Task”,
Umut Sulubacak, Aku Rouhe, Jörg Tiedemann, Stig-Arne Grönroos, Mikko Kurimo
- “Neural Speech Translation at AppTek”,
Evgeny Matusov, Patrick Wilken, Parnia Bahar, Julian Schamper, Pavel Golik, Albert Zeyer, Joan Albert Silvestre-Cerda, Adria Martinez-Villaronga, Hendrik Pesch, Jan-Thorsten Peter



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“KIT’s IWSLT 2018 SLT Translation System”,
*Matthias Sperber, Ngoc Quan Pham, Thai Son Nguyen,
Jan Niehues, Markus Müller, Thanh-Le Ha, Sebastian Stüker,
Alex Waibel*

“CUNI Basque to English Submission in IWSLT18”,
Tom Kocmi, Dušan Variš and Ondřej Bojar

“Adapting Multilingual NMT to Extremely Low Resource
Languages, FBK’s Participation of the Basque-English Low
Resource MT, IWSLT 2018”,
Surafel M. Lakew, Marcello Federico

“The Sogou-TIIC Speech Translation System for IWSLT 2018”
*Yuguang Wang, Liangliang Shi, Linyu Wei, Weifeng Zhu, Jinkun
Chen, Zhichao Wang, Shixue Wen, Wei Chen, Yanfeng Wang,
Jia Jia*

“Fine-tuning on Clean Data for End-to-End Speech Translation:
FBK @ IWSLT 2018”,
*Mattia Antonino Di Gangi, Roberto Dessì, Roldano Cattoni,
Matteo Negri, Marco Turchi*

“Using Spoken Word Posterior Features in Neural Machine
Translation”,
*Kaho Osamura, Takatomo Kano, Sakriani Sakti, Katsuhito Sudoh,
Satoshi Nakamura*

“Transfer Learning in Multilingual Neural Machine Translation
with Dynamic Vocabulary”,
*Surafel Melaku Lakew, Aliia Erofeeva, Matteo Negri, Marcello
Federico, Marco Turchi*

„Data Selection with Feature Decay Algorithms Using an
Approximated Target Side”,
Alberto Poncelas, Gideon Maillette de Buy Wenniger, Andy Way

18:30

Guided tour through Bruges

Start: Grand Hotel Casselbergh – End: De Halve Maan

19:30

Dinner in the Brewery “De Halve Maan”,

Walplein 26, 8000 Brugge



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Tuesday October 30, 2018

09:00 - 10:00	Oral Session 2
09:00 - 09:30	„Multi-Source Neural Machine Translation with Data Augmentation“, <i>Yuta Nishimura, Katsuhito Sudoh, Graham Neubig, Satoshi Nakamura</i>
09:30 - 10:00	„Word Rewarding for Adequate Neural Machine Translation“, <i>Yuta Takebayashi, Chenhui Chu, Yuki Arase, Masaaki Nagata</i>
10:00 - 10:15	Gold sponsor Presentation Amazon
10:15 - 10:45	Coffee Break
10:45 - 12:15	Oral Session 3
10:45 - 11:15	„Analyzing Knowledge Distillation in Neural Machine Translation“, <i>Zhang, Josep Crego and Jean Senellart</i>
11:15 - 11:45	„Learning to Segment Inputs for NMT Shows Preference for Character-Level Processing“, <i>Julia Kreutzer, Artem Sokolov</i>
11:45 - 12:15	„Machine Translation Human Evaluation: a comprehensive investigation of evaluation based on Post-Editing and its relation with Direct Assessment“, <i>Luisa Bentivogli, Mauro Cettolo, Marcello Federico</i>
12:15 - 13:30	Lunch
13:30 - 15:00	Oral Session 4
13:30 - 14:00	„Multiparaphrase Augmentation to Leverage Neural Caption Translation“, <i>Johanes Effendi, Sakriani Sakti, Katsuhito Sudoh, Satoshi Nakamura</i>
14:00 - 14:30	„A Machine Translation Approach for Modernizing Historical Documents Using Back Translation“, <i>Miguel Domingo, Francisco Casacuberta</i>
14:30 - 15:00	„Word-based Domain Adaptation for Neural Machine Translation“, <i>Shen Yan, Shahram Khadivi, Leonard Dahlmann, Pavel Petrushkov, Sanjika Hewavitharana</i>
15:00 - 15:30	Coffee Break



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15:30 - 16:45

Panel Discussion – the future of machine and speech translation
Panelists:

- Evgeny Matusov (AppTek)
- Will Lewis (Microsoft)
- Kevin Duh (JHU)
- Marcin Junczys-Dowmunt (Microsoft)
- tbd

16:45 - 17:00

Closing and remarks

We kindly thank our gold-sponsors:

