

EMNLP-IJCNLP 2019

**Neural Generation and Translation**

**Proceedings of the Third Workshop**

November 4, 2019  
Hong Kong, China



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ISBN 78-1-950737-83-3

## Introduction

Welcome to the Third Workshop on Neural Generation and Translation. This workshop aims to cultivate research on the leading edge in neural machine translation and other aspects of machine translation, generation, and multilinguality that utilize neural models. In this year's workshop we are extremely pleased to be able to host four invited talks from leading lights in the field, namely: Michael Auli, Mohit Bansal, Mirella Lapata and Jason Weston. In addition this year's workshop will feature a session devoted to a new shared task on efficient machine translation. We received a total of 68 submissions, from which we accepted 36. There were three crosssubmissions, seven long abstracts and 26 full papers. There were also seven system submission papers. All research papers were reviewed twice through a double blind review process, and avoiding conflicts of interest. The workshop had an acceptance rate of 53%. Due to the large number of invited talks, and to encourage discussion, only the two papers selected for best paper awards will be presented orally, and the remainder will be presented in a single poster session. We would like to thank all authors for their submissions, and the program committee members for their valuable efforts in reviewing the papers for the workshop. We would also like to thank Google and Apple for their generous sponsorship.



**Organizers:**

Alexandra Birch, (Edinburgh)  
Andrew Finch, (Apple)  
Hiroaki Hayashi (CMU)  
Ioannis Konstas (Heriot Watt University)  
Thang Luong, (Google)  
Graham Neubig, (CMU)  
Yusuke Oda, (Google)  
Katsuhito Sudoh (NAIST)

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Vu Cong Duy Hoang	Xiaolin Wang
Daphne Ippolito	Taro Watanabe
Sébastien Jean	Sam Wiseman
Hidetaka Kamigaito	Biao Zhang

**Invited Speakers:**

Michael Auli (Facebook AI Research)

Mohit Bansal (University of North Carolina)

Nanyun Peng (University of Southern California)

Jason Weston (Facebook AI Research)

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*Findings of the Third Workshop on Neural Generation and Translation*
- 09:10-10:00 *Keynote 1*  
Michael Auli, Facebook AI Research
- 10:00-10:30 *Shared Task Overview*
- 10:30-10:40 *Shared Task Oral Presentation*
- 10:40-11:40 *Poster Session (see list below)*
- 11:40-12:30 *Keynote 2*  
Jason Weston, Facebook AI Research
- 12:30-13:30 **Lunch Break**
- 13:30-14:20 *Keynote 3*  
Nanyun Peng, USC
- 14:20-15:10 *Best Paper Session*
- 15:10-15:40 **Coffee Break**
- 15:20-16:30 *Keynote 4*  
Mohit Bansal, University of North Carolina
- 16:30-17:00 **Closing Remarks**

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*Recycling a Pre-trained BERT Encoder for Neural Machine Translation*

Kenji Imamura and Eiichiro Sumita

*Generating a Common Question from Multiple Documents using Multi-source Encoder-Decoder Models*

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*Positional Encoding to Control Output Sequence Length*

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*Controlled Text Generation for Data Augmentation in Intelligent Artificial Agents*

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*Zero-Resource Neural Machine Translation with Monolingual Pivot Data*

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