EMNLP-IJCNLP 2019

The 2nd Workshop on New Frontiers in Summarization (NewSum 2019)

Workshop Proceedings

November 4, 2019
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Introduction

Developing intelligent systems which can produce concise, fluent, and accurate summaries has been a long-standing goal in natural language processing. The aim of this workshop is to provide a research forum for cross-fertilization of ideas towards this goal. We seek to bring together researchers from a diverse range of fields (e.g., summarization, visualization, language generation, cognitive and psycholinguistics) for discussions on key issues related to automatic summarization. This includes discussion on novel paradigms/frameworks, shared tasks of interest, information integration and presentation, new evaluation protocols, applied research and applications, and possible future research foci. The workshop aims to pave the way towards building a cohesive research community, accelerating knowledge diffusion, developing new tools, datasets and resources that are in line with the needs of academia, industry, and government.

This is the second edition of the workshop, following our previous workshop at EMNLP 2017. The workshop received 17 long paper submissions, of which 7 were accepted, and 22 short paper submissions, of which 8 were accepted. This resulted in an overall acceptance rate of 38%. We are pleased to have four invited speakers at this year's workshop: Nanyun Peng (USC ISI), Ido Dagan (Bar-Ilan), Wenjie Li (Hong Kong Polytechnic), and Manabu Okumura (Tokyo Institute of Technology). Together, they cover a broad spectrum of work in summarization and adjacent areas. We would like to thank our invited speakers, as well as our programme committee members and workshop participants.

Lu Wang, Giuseppe Carenini, Jackie Chi Kit Cheung, Fei Liu

Organizers:

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Giuseppe Carenini (University of British Columbia, Canada)
Jackie Chi Kit Cheung (McGill University, Canada)
Fei Liu (University of Central Florida, USA)

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Yuntian Deng (Harvard University)

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Invited Speaker:

Nanyun Peng (USC ISI)
Ido Dagan (Bar-Ilan University)
Wenjie Li (The Hong Kong Polytechnic University)
Manabu Okumura (Tokyo Institute of Technology)

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Workshop Program

07:30–09:00 **Breakfast for all workshops' attendees**

09:00–09:50 **Invited Talk: Nanyun Peng (USC ISI)**

09:50–10:40 **Contributed Talks (12 mins * 4 long papers, 2 mins each for QA)**

Answering Naturally : Factoid to Full length Answer Generation
Vaishali Pal, Manish Shrivastava and Irshad Bhat

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Abstractive Timeline Summarization
Julius Steen and Katja Markert

Learning to Create Sentence Semantic Relation Graphs for Multi-Document Summarization
Diego Antognini and Boi Faltings

10:40–11:00 **Break**

11:00–11:50 **Invited Talk: Ido Dagan (Bar-Ilan University)**

November 4, 2019 (continued)

11:50–12:30 Contributed Talks (10 mins * 4 short papers, 2 mins each for QA)

Unsupervised Aspect-Based Multi-Document Abstractive Summarization
Maximin Coavoux, Hady Elsahar and Matthias Gallé

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Towards Annotating and Creating Summary Highlights at Sub-sentence Level
Kristjan Arumae, Parminder Bhatia and Fei Liu

12:30–02:00 Lunch

02:00–02:50 Invited Talk: Wenjie Li (The Hong Kong Polytechnic University)

02:50–03:30 Contributed Talks (12 mins * 3 long papers, 2 mins each for QA)

SAMSum Corpus: A Human-annotated Dialogue Dataset for Abstractive Summarization
Bogdan Gliwa, Iwona Mochol, Maciej Biesek and Aleksander Wawer

A Closer Look at Data Bias in Neural Extractive Summarization Models
Ming Zhong, Danqing Wang, Pengfei Liu, Xipeng Qiu and Xuanjing Huang

Global Voices: Crossing Borders in Automatic News Summarization
Khanh Nguyen and Hal Daumé III

November 4, 2019 (continued)

03:30–04:00 Break

04:00–04:50 Invited Talk: Manabu Okumura (Tokyo Institute of Technology)

04:50–05:30 Contributed Talks (10 mins * 4 short papers, 2 mins each for QA)

Multi-Document Summarization with Determinantal Point Processes and Contextualized Representations
Sangwoo Cho, Chen Li, Dong Yu, Hassan Foroosh and Fei Liu

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05:30–05:40 Concluding Remarks