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

Workshop Proceedings

November 4, 2019
Hong Kong, China
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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Fei Liu (University of Central Florida, USA)

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Yashar Mehdad (Facebook)
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Angela Fan (Facebook AI)
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Jing Li (The Hong Kong Polytechnic University)
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Liqiang Xiao (Shanghai Jiao Tong University)
Luyang Huang (Boston University)
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Michael Elhadad (Ben-Gurion University of the Negev)
Patrick Huber (UBC)
Pengfei Liu (Fudan University)
Ramakanth Pasunuru (UNC Chapel Hill)
Sebastian Gehrmann (Harvard University)
Shashi Narayan (Google)
Tobias Falke (Amazon)
Wei Gao (Victoria University of Wellington)
Wen Xiao (UBC)
Wojciech Kryscinski (KTH Royal Institute of Technology)
Xinyu Hua (Northeastern University)
Yang Liu (The University of Edinburgh)
Yuntian Deng (Harvard University)
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

  * **Summary Level Training of Sentence Rewriting for Abstractive Summarization**
    Sanghwan Bae, Taeuk Kim, Jihoon Kim and Sang-goo Lee

  * **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)
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

BillSum: A Corpus for Automatic Summarization of US Legislation
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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