

1st Workshop on Natural Language Generation, Evaluation and Metrics (GEM 2021)

Held online due to COVID-19

5-6 August 2021
Bangkok, Thailand

ISBN: 978-1-7138-3375-8

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2021) by the Association for Computational Linguistics and the Asian Federation of Natural Language Processing
All rights reserved.

Printed with permission by Curran Associates, Inc. (2021)

For permission requests, please contact the Association for Computational Linguistics at the address below.

Association for Computational Linguistics
209 N. Eighth Street
Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006
Fax: 1-570-476-0860

acl@aclweb.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

<i>Flesch-Kincaid is Not a Text Simplification Evaluation Metric</i> Teerapaun Tanprasert and David Kauchak	1
<i>Human Perception in Natural Language Generation</i> Lorenzo De Mattei, Huiyuan Lai, Felice Dell’Orletta and Malvina Nissim	15
<i>Semantic Similarity Based Evaluation for Abstractive News Summarization</i> Figen Beken Fikri, Kemal Oflazer and Berrin Yanikoglu	24
<i>Shades of BLEU, Flavours of Success: The Case of MultiWOZ</i> Tomáš Nekvinda and Ondřej Dušek	34
<i>Personalized Response Generation with Tensor Factorization</i> Zhenghui Wang, Lingxiao Luo and Diyi Yang	47
<i>A Review of Human Evaluation for Style Transfer</i> Eleftheria Briakou, Sweta Agrawal, Ke Zhang, Joel Tetreault and Marine Carpuat	58
<i>GOT: Testing for Originality in Natural Language Generation</i> Jennifer Brooks and Abdou Youssef	68
<i>Evaluating Text Generation from Discourse Representation Structures</i> Chunliu Wang, Rik van Noord, Arianna Bisazza and Johan Bos	73
<i>Human Evaluation of Creative NLG Systems: An Interdisciplinary Survey on Recent Papers</i> Mika Hämmäläinen and Khalid Alnajjar	84
<i>The GEM Benchmark: Natural Language Generation, its Evaluation and Metrics</i> Sebastian Gehrmann, Tosin Adewumi, Karmanya Aggarwal, Pawan Sasanka Ammanamanchi, Anuoluwapo Aremu, Antoine Bosselut, Khyathi Raghavi Chandu, Miruna-Adriana Clinciu, Dipanjan Das, Kaustubh Dhole, Wanyu Du, Esin Durmus, Ondřej Dušek, Chris Chinenye Emezue, Varun Gangal, Cristina Garbacea, Tatsunori Hashimoto, Yufang Hou, Yacine Jernite, Harsh Jhamtani, Yangfeng Ji, Shailza Jolly, Mihir Kale, Dhruv Kumar, Faisal Ladhak, Aman Madaan, Mounica Maddela, Khyati Mahajan, Saad Mahamood, Bodhisattwa Prasad Majumder, Pedro Henrique Martins, Angelina McMillan-Major, Simon Mille, Emiel van Miltenburg, Moin Nadeem, Shashi Narayan, Vitaly Nikolaev, Andre Niyongabo Rubungo, Salomey Osei, Ankur Parikh, Laura Perez-Beltrachini, Niranjan Ramesh Rao, Vikas Raunak, Juan Diego Rodriguez, Sashank Santhanam, João Sedoc, Thibault Sellam, Samira Shaikh, Anastasia Shimorina, Marco Antonio Sobrevilla Cabezudo, Hendrik Strobelt, Nishant Subramani, Wei Xu, Diyi Yang, Akhila Yerukola and Jiawei Zhou	96
<i>Reusable Templates and Guides For Documenting Datasets and Models for Natural Language Processing and Generation: A Case Study of the HuggingFace and GEM Data and Model Cards</i> Angelina McMillan-Major, Salomey Osei, Juan Diego Rodriguez, Pawan Sasanka Ammanamanchi, Sebastian Gehrmann and Yacine Jernite	121
<i>Structure-to-Text Generation with Self-Training, Acceptability Classifiers and Context-Conditioning for the GEM Shared Task</i> Shreyan Bakshi, Soumya Batra, Peyman Heidari, Ankit Arun, Shashank Jain and Michael White	136

<i>NUIG-DSI's submission to The GEM Benchmark 2021</i>	
Nivranshu Pasricha, Mihael Arcan and Paul Buitelaar	148
<i>SimpleNER Sentence Simplification System for GEM 2021</i>	
K V Aditya Srivatsa, Monil Gokani and Manish Shrivastava	155
<i>System Description for the CommonGen task with the POINTER model</i>	
Anna Shvets	161
<i>Decoding Methods for Neural Narrative Generation</i>	
Alexandra DeLucia, Aaron Mueller, Xiang Lisa Li and João Sedoc	166