NAACL HLT 2021

Workshop on Narrative Understanding (WNU)

Proceedings of the Third Workshop

June 11, 2021

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Introduction

Welcome to the 3rd Workshop on Narrative Understanding!

This is the 3rd iteration of the workshop, which brings together an **interdisciplinary** group of researchers from AI, ML, NLP, Computer Vision and other related fields, as well as scholars from the humanities to discuss **methods to improve automatic narrative understanding capabilities**.

We are happy to present 10 papers on this topic (along with 3 non-archival papers to be presented only at the workshop). These papers take on the complex challenges presented by diverse texts in areas of film, dialogue and literature as they look to improve methods for event extraction, gender and representation bias, controllable generation, quality assessment, and other tasks related to the workshop theme. We would like to thank everyone who submitted their work to this workshop and the program committee for their helpful feedback.

We would also like to thank our invited speakers for their participation in this workshop: David Bamman, Nate Chambers, Nasrin Mostafazadeh, Nanyun Peng, Laure Thompson, and Prashant Pandey.

Elizabeth, Faeze, Lara, Mohit, Nader and Snigdha

Organizers:

Nader Akoury, University of Massachusetts Amherst
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Guanhua Zhang, Tencent AI, China

Invited Speakers:

David Bamman, University of California, Berkeley
Nate Chambers, US Naval Academy
Nasrin Mostafazadeh, Verneek
Nanyun Peng, University of California, Los Angeles
Laure Thompson, University of Massachusetts, Amherst
Prashant Pandey, Screenwriter, Bollywood

Table of Contents

Workshop Program

Friday, June 11, 2021

8:45–9:00 **Opening Remarks**

9:00–10:30 **Invited Talks**

10:30–11:30 **Poster Session 1**

11:30–13:00 **Lunch**

13:00–14:00 **Invited Talks**

14:00–15:00 **Panel Discussion**

15:00–16:00 **Poster Session 2**

Invited Speakers and Panelists

David Bamman

Nate Chambers

Nasrin Mostafazadeh

Prashant Pandey

Nanyun Peng

Laure Thompson

Papers (Archival)

Hierarchical Encoders for Modeling and Interpreting Screenplays
Gayatri Bhat, Avneesh Saluja, Melody Dye and Jan Florjanczyk

FanfictionNLP: A Text Processing Pipeline for Fanfiction
Michael Yoder, Sopan Khosla, Qinlan Shen, Aakanksha Naik, Huiming Jin, Hariharan Muralidharan and Carolyn Rosé

Learning Similarity between Movie Characters and Its Potential Implications on Understanding Human Experiences
Zhilin Wang, Weizhe Lin and Xiaodong Wu

Document-level Event Extraction with Efficient End-to-end Learning of Cross-event Dependencies
Kung-Hsiang Huang and Nanyun Peng

Gender and Representation Bias in GPT-3 Generated Stories
Li Lucy and David Bamman

Transformer-based Screenplay Summarization Using Augmented Learning Representation with Dialogue Information
Myungji Lee, Hongseok Kwon, Jaehun Shin, WonKee Lee, Baikjin Jung and Jong-Hyeok Lee

Plug-and-Blend: A Framework for Controllable Story Generation with Blended Control Codes
Zhiyu Lin and Mark Riedl

Automatic Story Generation: Challenges and Attempts
Amal Alabdulkarim, Siyan Li and Xiangyu Peng

Fabula Entropy Indexing: Objective Measures of Story Coherence
Louis Castricato, Spencer Frazier, Jonathan Balloch and Mark Riedl

Towards a Model-Theoretic View of Narratives
Louis Castricato, Stella Biderman, David Thue and Rogelio Cardona-Rivera

Papers (Non-Archival)

Telling Stories through Multi-User Dialogue by Modeling Character Relations
Wai Man Si, Prithviraj Ammanabrolu and Mark Riedl

Inferring the Reader: Guiding Automated Story Generation with Commonsense Reasoning
Xiangyu Peng, Siyan Li, Sarah Wiegreffe and Mark Riedl

Tell Me A Story Like I'm Five: Story Generation via Question Answering
Louis Castricato, Spencer Frazier, Jonathan Balloch, Nitya Tarakad and Mark Riedl