

THE FIRST WORKSHOP & SHARED TASK ON SCOPE DETECTION OF THE PEER REVIEW ARTICLES

Overview

For years, peer review has been the formal part of scientific communication that validates a scientific research article's quality. A particular research article goes through discrete filtering steps to get published in a reputed journal or conference. The first step in the peer review process is the editor's initial screening(s). The editor's job, who is also an expert in the particular field, decides whether an article should be rejected without further review or forwarded to expert reviewers for meticulous evaluation. Acceptance of paper depends heavily on the reviewers. It's becoming more common for people to share their reviews on social media, especially when reviewers reject their work on spurious grounds. To demystify and improve such an obscure process, we propose the 1st Workshop & Shared task on Scope Detection of the Peer Review Articles to address these gaps. We seek to reach the broader NLP and AI/ML community to pool the distributed efforts to improve peer review of the scholarly documents and build downstream applications. SDPRA 2021 will comprise a research track and a Shared Task

SDPRA 2021 will be held in Conjunction with the 25th Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD-2021). The PAKDD is one of the longest established and leading international conferences in data mining and knowledge discovery.

Call for Papers

Papers are invited on substantial, original and unpublished research on all aspects of Data Mining, with a particular focus on Scholarly Articles. The areas of interest include, but are not limited to:

- Analysis of scholarly documents
- Search Retrieval
- Discourse modeling and argument mining
- Bibliometrics, scientometrics, and altmetrics approaches
- Scholarly Document Summarization
- Citation Network
- Novelty Detection
- Scope Detection
- Peer Review
- Fairness-aware data mining
- Negative Results

Important Dates

- **November 15, 2020:** Call for regular Papers
- **January 7, 2021:** Submission Deadline
- **February 22, 2021:** Author Notification
- **March 8, 2021:** Camera Ready submission
- **May 11-13, 2021:** Conference

Submitting a paper to the workshop means that the authors agree that at least one author should attend the workshop to present the paper, if the paper is accepted. For no-show authors, their affiliations will receive a notification.

Shared Task

This shared task focuses on identifying topics or category of scientific articles, which in turn can help us in efficiently storing large number of articles, retrieving related papers, and in building personal recommendation systems. For this task we collected a total of 35000 abstracts scientific article(computer science) from different corpora. Given an abstract of a paper, the objective of the shared task is to classify it into one of the 7 predefined domains. For more information regarding the shared task, please visit

<https://sdpra-2021.github.io/website/#section-shared>

Registration for shared task are open now!!!

register at: <https://forms.gle/cp3fdYSn92CGctHY6>

Evaluation: The official evaluation metric for the shared task is weighted-average F1 score

System description paper: All team/participants will be invited to submit their models as short papers to be included in the proceedings. Based on the reviewers' comments, we will decide which papers to be accepted.

Code Reproducibility: To improve code reproducibility and transparency in scientific community, all shared task participants should submit their system to our Github Repository

Important Dates

- **November 20, 2020:** Release of the Training & Development set
- **December 25, 2020:** Release of the Test set
- **January 10, 2021:** Deadline for submitting the final results
- **January 15, 2021:** Announcement of the results
- **January 25, 2021:** System paper submission deadline
- **February 10, 2021:** Author Notification
- **February 20, 2021:** Camera Ready of accepted system description papers

Submission Instructions

Each submitted paper should include an abstract up to 200 words and be no longer than 20 single-spaced pages with 10pt font size (including references, appendices, etc.). Authors are strongly encouraged to use Springer LNCS/LNAI manuscript submission guidelines for their submissions. System description papers should not be more than 8 pages.

Submission link:

<https://easychair.org/my/conference?conf=sdpra2021#>

Committees

Organizers

- Saichethan Miriyala Reddy, IIIT Bhagalpur
- Naveen Saini, Université Paul Sabatier Toulouse III

Steering Committee

- Pushpak Bhattacharyya, IIT Bombay
- Sriparna Saha, IIT Patna
- Jose G Moreno, Université de Toulouse
- Adam Jatowt, Kyoto University
- Anita de Waard, Elsevier
- Antoine Doucet, Université de La Rochelle
- Gaël Dias, University of Caen Normandie

Contact

Email: <mailto:sdpra2021@gmail.com>

Twitter: <https://twitter.com/Sdpra2>

