SECOND WORKSHOP ON
SCOPE DETECTION & PEER REVIEW ARTICLES

Overview

For years, peer review has been the formal part of scientific communication that validates a scientific research article's quality. One of the most consensus metric determining the quality of conference submissions is peer review, yet it is becoming increasingly skewed. Part of the difficulty, we say, is that reviewers and area chairs are given a vague goal that forces them to make apples-to-oranges comparisons. There are various potential paths forward, but the main challenge is establishing the incentives and processes that would allow them to be implemented consistently across the AI/ML community.

"Peer review does not guarantee quality control"
"Peer review fails to detect impactful papers"

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. Through this workshop we seek to reach the broader NLP and AI/ML community to pool the distributed efforts to improve the overall peer review process.

Contrary to the popular belief and correlation with existing accepted papers the coveted SOTA does not even necessarily advance the field. Metrics like METEOR. BLEU, ROUGE are some of the popular evaluation metrics available in NLP, but each metric has it's own drawbacks and cannot conclude that the top system has the best architecture.

SDPRA 2022 will be held in Conjunction with the 26th Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD-2022). The PAKDD is one of the longest established and leading international conferences in the areas of data mining and knowledge discovery. It provides an international forum for researchers and industry practitioners to share their new ideas, original research results, and practical development experiences from all KDD related areas.

Call for Papers

Papers are invited on substantial, original and unpublished research on all aspects of peer review. The areas of interest include, but are not limited

- Scope & Novelty Detection
- Insights from existing reputed conferences & journal
- Diversity & Inclusivity Reports
- Reviewer Matching algorithms
- Demographic Reports
- Revision & Rebuttal analysis
- Discourse modeling and argument mining
- Bibliometrics, scientometrics, and altmetrics approaches
- Fairness-aware data mining
- Datasets and resources
- Information Extraction and Retrieval
- Reproducibility
- Evaluation Metrics
- Negative Results
- Carbon Footprint
- State of the Art Results
- Case for Simplicity
- Ethical Considerations

Important Dates

- **January 20, 2022** : Call for Papers out
- **March 7, 2022** : Submission Deadline
- **March 31, 2022** : Author Notification
- **April 15, 2022** : Camera Ready version of accepted papers
- **May 16-19, 2022** : Conference

Submission Instructions

Authors are invited to submit full and short papers with unpublished, original work. Please use springer LNCS proceedings format. Regular papers should not be more than 8-12 pages. Accepted papers will be presented by the authors at the workshop either as a talk or a poster.

`https://easychair.org/conferences/?conf=sdpra2022`

Inclusivity

We encourage submissions from diverse voices. Anyone who self-identifies with an underrepresented demographic, regardless of seniority, scientific background, training, etc., is welcome to submit their work and attend the workshop. We aim to create an inclusive space and look forward to receiving submissions from researchers of all identities, living anywhere, whether first time authors or more experienced writers.

Committees

Organizers

- Saichethan Miriyala Reddy, University of Texas at Dallas
- Naveen Saini, Woosong University, South Korea

Steering Committee

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

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