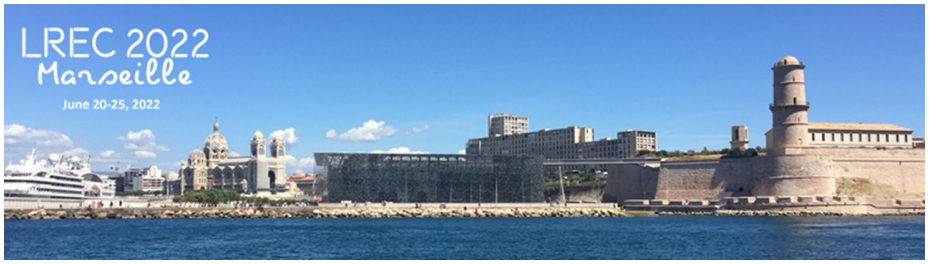

LREC 2022 Workshop
Language Resources and Evaluation Conference
20th June 2022

1st Workshop on Perspectivist Approaches to NLP (NLPerspectives)

PROCEEDINGS

Editors:
Gavin Abercrombie
Valerio Basile
Sara Tonelli
Verena Rieser
Alexandra Uma

Proceedings of the LREC 2022 workshop on Perspectivist Approaches to Disagreement in NLP (NLPerspectives)

Edited by:
Gavin Abercrombie, Valerio Basile, Sara Tonelli, Verena Rieser, Alexandra Uma

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Message from the organisers

This volume documents the Proceedings of the 1st Workshop on Perspectivist Approaches to Disagreement in NLP, held on June 20th as part of the LREC 2022 conference (International Conference on Language Resources and Evaluation).

Until recently, the dominant paradigm in natural language processing (and other areas of artificial intelligence) has been to resolve observed label disagreement into a single "ground truth" or "gold standard" via aggregation, adjudication, or statistical means. However, in recent years, the field has increasingly focused on subjective tasks, such as abuse detection or quality estimation, in which multiple points of view may be equally valid, and a unique 'ground truth' label may not exist. At the same time, as concerns have been raised about bias and fairness in AI, it has become increasingly apparent that an approach which assumes a single "ground truth" can erase minority voices.

Strong perspectivism in NLP (Basile et al., 2021a) pursues the spirit of recent initiatives such as Data Statements (Bender and Friedman, 2018), extending their scope to the full NLP pipeline, including the aspects related to modelling, evaluation and explanation.

The workshop explores current and ongoing work on the collection and labelling of non-aggregated datasets, and approaches to modelling and including these perspectives, as well as evaluation and applications of multi-perspective Machine Learning models.

A key outcome of the workshop will be to build on the work begun at `https://pdai.info/` to create a repository of perspectivist datasets with non-aggregated labels for use by researchers in perspectivist NLP modelling.

We would like to thank our sponsors for helping to make this workshop possible.

Organizers:

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Sara Tonelli – Fondazione Bruno Kessler
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Workshop Program
Monday 20 June 2022

14:00 Introduction

14:05 Invited talk: Su Lin Blodgett (Microsoft Research)

15:00 Lightning talks

16:00 Break

16:30 Posters

17:30 Panel discussion