

COLING

Volume 29 (2022), No. 2

**Proceedings of the CODI-CRAC 2022 Shared Task  
on Anaphora, Bridging, and Discourse Deixis in Dialogue  
(CODI-CRAC 2022)**

**The 29th International Conference on  
Computational Linguistics**

October 17, 2022  
Gyeongju, Republic of Korea

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ISSN 2951-2093

## Message from the Program Co-Chairs

This shared task, the second of two so far, represents the collaborative efforts of a diverse team of researchers, across countries, institutional types, research areas, and career stages. The idea for this series of shared tasks emerged through a Discourse Analysis breakout session at SIGDIAL 2020. The goal was to foster a more active partnership between the discourse and dialogue communities and to offer, not just a competition, but an opportunity to identify the next great challenges for the area of coreference.

Since that initial discussion at the Spring 2020 conference, the core organizing team has met almost weekly to build a vision for this shared task as the initial event out of what is hoped to become a series of such events, and situated in partnership with other related efforts, such as the Universal Anaphora effort. In the past year, in order to support an expansion of the initial annotation effort, the team has added an additional member, Lori Levin from the Language Technologies Institute at Carnegie Mellon University.

The team is excited to host this shared task, this year co-located with COLING 2022. Each of the organizing team's members are also grateful to their respective institutions for providing the kind of environment that facilitates such international collaborations. The team is grateful for funding committed by the Heidelberg Institute for Theoretical Studies, the Dali Project at Queen Mary University and the Language Technologies Institute at Carnegie Mellon University (all of which supported annotation for this series of shared task events) as well as resources provided by Intel (especially in connection with the CODALAB infrastructure). The annotation team managed jointly for this shared task by Queen Mary University and Carnegie Mellon University worked tirelessly to produce the annotated data, without which this shared task would not be a shared task at all! The team is also grateful for the synergistic efforts of the broader ACL community, for providing an environment in which the vision for this shared task could be realized and situated within this vibrant COLING milieu.



## Organizing Committee

- Juntao Yu, University of Essex, UK
- Sopan Khosla, Amazon, USA
- Ramesh Manuvinakurike, Intel, USA
- Lori Levin , Carnegie Mellon University, USA
- Vincent Ng, University of Texas at Dallas, USA
- Massimo Poesio, Queen Mary University, UK
- Michael Strube, Heidelberg Institute for Theoretical Studies, Germany
- Carolyn Rose, Carnegie Mellon University, USA



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# CODI-CRAC Shared Task Program

**Monday October 17, 2022**

**14:00–15:30 Session 1: Shared Task Competition**

**14:00 Welcome**

14:05 *The CODI-CRAC 2022 Shared Task on Anaphora, Bridging, and Discourse Deixis in Dialogue*

Juntao Yu, Sopan Khosla, Ramesh Manuvinakurike, Lori Levin, Vincent Ng, Massimo Poesio, Michael Strube and Carolyn Rosé

14:35 *Anaphora Resolution in Dialogue: System Description (CODI-CRAC 2022 Shared Task)*

Tatiana Anikina, Natalia Skachkova, Joseph Renner and Priyansh Trivedi

14:50 *Pipeline Coreference Resolution Model for Anaphoric Identity in Dialogues*

Damrin Kim, Seongsik Park, Mirae Han and Harksoo Kim

15:05 *Neural Anaphora Resolution in Dialogue Revisited*

Shengjie Li, Hideo Kobayashi and Vincent Ng

**15:30–16:00 Coffee Break**

**16:00–18:00 Session 2: Keynote Session**

**Monday October 17, 2022 (continued)**

**16:00          Invited Talk: Massimo Poesio and Lori Levin**

**16:45          Open Discussion**

**17:45          Closing Remarks**