

🌐 Mexico 📅 May 3-4, 2025

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CONFERENCE  
WEBSITE:

[http://Call for Papers The 14th edition of the Workshop on Cognitive Modeling and Computational Linguistics \(CMCL 2025\) CMCL 2025 will be co-located with the 2025 Annual Conference of th](http://Call for Papers The 14th edition of the Workshop on Cognitive Modeling and Computational Linguistics (CMCL 2025) CMCL 2025 will be co-located with the 2025 Annual Conference of th)

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## | About the Conference

### Call for Papers

The 14th edition of the Workshop on Cognitive Modeling and Computational Linguistics (CMCL 2025)

CMCL 2025 will be co-located with the 2025 Annual Conference of the Nations of the Americas Chapter of the Association for Computational Linguistics (NAACL 2025).

### Workshop Description

CMCL 2025 is a one-day workshop held in conjunction with NAACL 2025. CMCL invites papers on cognitive modeling, cognitively-inspired natural language processing, and, more broadly, the alignment of language models with human cognition/perception. The 2025 workshop follows in the tradition of earlier meetings at ACL 2010, ACL 2011, NAACL-HLT 2012, ACL 2013, ACL 2014, NAACL 2015, EAACL 2017, LSA 2018, NAACL 2019, EMNLP 2020, NAACL 2021, ACL 2022, and ACL 2024.

### Scope and Topics

The research interests/questions include, but are



### Important Dates



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not limited to:

Analysis of computational models that process language data (e.g., neural language models, parsers) to give insights into fundamental linguistic questions, e.g., on human language processing/acquisition.

Analysis of human language data to give insights into fundamental linguistic questions, e.g., on human language processing/acquisition.

Comparing/aligning computational models (e.g., neural language models, parsers) with human language data to understand/reverse-engineer what and how humans compute during language comprehension/production/acquisition.

How insights from CogSci/linguistics and NLP fields can contribute to each other.

Sufficient conditions/pressures for the emergence of human-like communication/language.

A more comprehensive description of the workshop scope is:

Models of lexical acquisition, including phonology, morphology, and semantics.

Models of semantic interpretation, including psychologically realistic notions of word and phrase meaning and composition.

Models of incremental parsers for diverse grammar formalisms and their psychological plausibility.

Psychologically plausible models of discourse and dialogue.

Models of speaker-specific linguistic adaptation and/or generalization.

Models of first and second language acquisition

and bilingual language processing.

Models of language disorders, such as aphasia, dyslexia, or dysgraphia.

Datasets or resources for modeling language processing or production in languages other than English.

Models of linguistic information propagation and language evolution in communities.

Analyzing computational models that process language data (e.g., neural language models, parsers) from the above perspectives.

### Invited Speakers

We are pleased to announce the following invited speakers for the 2025 edition:

John T. Hale (Johns Hopkins University)

Tessa Verhoef (Leiden University)

### Sponsoring Institutions

This workshop is supported by the National Institute for Japanese Language and Linguistics (NINJAL).

### Important Dates

February 16, 2025: Paper submission/commitment deadline

March 10, 2025: Notification of acceptance

March 17, 2025: Camera-ready paper due

May 3 or May 4, 2025: Workshop dates (the exact date TBA)

Deadlines are at 11:59 pm AOE. The timeline may change slightly. We are trying to set our CMCL deadline to be after the completion of the ARR December cycle (Feb. 16), in contrast to the

timeline suggested in

<https://2025.naacl.org/calls/workshops/> That is, the authors in the ARR December cycle will have options to resubmit/commit it to the upcoming ARR rounds OR make a new direct submission to CMCL (see Submission types and Cross-submission policy Sections).

Workshop submissions

CMCL accepts direct submissions through the OpenReview site: <https://openreview.net/group?id=aclweb.org/NAACL/2025/Workshop/CMCL>

This year, we do not accept the commitment of ARR-reviewed papers.

Submission types

We invite three types of submissions:

(1) Archival regular workshop submissions that present original research in either long (8 pages + references) or short (4 pages + references) paper format.

(2) Non-archival submissions of extended abstracts that present preliminary results (from 2 to 4 pages + references).

(3) Non-archival cross-submission of long/short papers that present relevant research submitted/published elsewhere (including ACL “Findings of...” papers).

Other submission details:

Authors must indicate if the paper is archival (1) or non-archival (2,3) when submitting the paper. That is, authors are not allowed to decide/change the archival/non-archival mode after receiving the reviews/notification.

Only regular workshop papers submitted via (1) will be included in the proceedings, but all types of

papers will have a presentation opportunity in the workshop.

Submissions must be formatted using the ACL style template (<https://github.com/acl-org/acl-style-files>) and submitted via a PDF file.

It is strongly recommended that the paper include a “Limitations” section (after the main parts and before the references), which is not counted in the part of the page limit.

Final versions of accepted papers will be given one additional page of content (up to 9 pages for long papers, up to 5 pages for short papers) to address reviewers’ comments.

Non-archival papers (2,3) will be reviewed in a separate process than archival papers (1), although the timeline is the same; specifically, non-archival papers will be evaluated with more priority to broader factors, such as the fit of the topic with the workshop, the status of the paper (e.g., already accepted to elsewhere or not), and the entire diversity of the topic/community in the workshop, as well as the soundness of the paper.

We adhere to the new ACL anonymity policy:

[https://www.aclweb.org/adminwiki/index.php/ACL\\_Anonymity\\_Policy](https://www.aclweb.org/adminwiki/index.php/ACL_Anonymity_Policy)

This year, we do not host a shared task.

This year, we do not receive the commitment of ARR-reviewed papers to simplify the logistics.

Instead, authors should submit their work via direct submission (without past reviews).

### Cross-submission policy

For regular archival submission (1), CMCL will refuse papers that are under review or will be submitted to other conferences, including the ARR cycles. For non-archival submissions (2,3), we

allow the submission of papers that have been or will be published elsewhere, but again, authors can not change the presentation mode to be archival after their submission.

#### Workshop Organizers

Tatsuki Kuribayashi (MBZUAI,  
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#### Website

<https://cmclorg.github.io/>

#### Contact

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#### TOPICS OF INTEREST

2 topics

Research papers are invited in, but not limited to, the following areas:

◦ Computer Science  
& Software  
Engineering

◦ Artificial  
Intelligence &  
Machine Learning

