

COMPUTATIONAL MODELS OF NATURAL ARGUMENT (CMNA 25) - FIRST CALL FOR PAPERS

<https://cmna-workshop.github.io/cmna25/>

We are pleased to invite submissions for our forthcoming 25th annual edition of the workshop on Computational Models of Natural Argument (CMNA'25). The CMNA workshop series focuses on the issue of modelling “natural” argumentation, where naturalness may range across a variety of forms, perhaps involving the use of visual rather than linguistic means to illustrate a point, for example using graphics or multimedia, or applying more sophisticated rhetorical devices, interacting at various layers of abstraction, or exploiting “extra-rational” characteristics of the audience, taking into account emotions and affective factors. For this edition, CMNA will be run online as virtual workshop.

To celebrate this landmark year, we solicit contributions on the special theme of "*Reflections & Horizons: The past 25 years of Computational Models of Natural Argument and visions of things to come*". This theme should be interpreted broadly, to reflect the wide range of argumentative practices and models that have been studied and shared at CMNA. We also encourage reflection on the development of argumentation theory within the remit of CMNA during the last 25 years. Finally we also encourage forward looking contributions that share a vision of how argumentation research might develop over the next quarter century.

Notwithstanding the special theme, we also solicit contributions addressing, but not limited to, the following areas of interest:

- The characteristics of “natural” arguments (e.g. ontological aspects, cognitive issues, legal aspects).
- The linguistic characteristics of natural argumentation, including discourse markers, sentence format, referring expressions, and style.
- The generation of natural argument.
- Corpus argumentation results and techniques.
- Argument mining.
- Models of natural legal argument.
- Rhetoric and affect: the role of emotions, personalities, etc. in argumentation.
- The roles of licentiousness and deceit and the ethical implications of implemented systems demonstrating such features.
- Natural argumentation in multi-agent systems.
- Methods to better convey the structure of complex argument, including representation and summarisation.
- Natural argumentation and media: visual arguments, multi-modal arguments, spoken arguments.
- Evaluative arguments and their application in AI systems (such as decision-support and advice-giving).
- Non-monotonic, defeasible and uncertain argumentation.
- The computational use of models from informal logic and argumentation theory.
- Computer supported collaborative argumentation, for pedagogy, e-democracy and public debate.
- Tools for interacting with structures of argument.
- Applications of argumentation-based systems.

Submission

We welcome submissions of full papers (limited to 10 pages in length), short papers (limited to 5 pages in length), demos (with 2 page abstract describing the demo), position statements (2 page abstract describing the position), or late breaking results (2 page abstract reporting the results). It is highly recommended, but not mandatory, to format any contributions using the CEUR single column style (further information is available from the submission section of the CMNA website). Note that all paper lengths above, in all categories, refer to content only, and may use as many additional pages for references as are necessary.

Regular submissions will be peer-reviewed by at least two members of the programme committee. Abstracts will be reviewed by at least two members of the organising committee. Accepted papers will be grouped into thematic sessions that incorporate extensive time for questions and discussion.

Please submit your contribution using the Microsoft Conference Management Toolkit:

<https://cmt3.research.microsoft.com/CMNA2024/> by **10th October 2025**

Key Dates

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| • Regular Paper submission (long & Short papers): | 10th October 2025 |
| • Regular Paper Notification to authors: | 7th November 2025 |
| • Demos, Position Statements, & Late-Results (two page abstract): | 14th November 2025 |
| • Demos, Position Statements, & Late-Results notification to authors: | 28th November 2025 |
| • Final (Camera Ready) version of all contributions: | 28th November 2025 |
| • Workshop (Online): | 12th December 2025 |

Organising Committee

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