

CxGsNLP 2025

**The Second International Workshop on Construction
Grammars and NLP**

Proceedings of the Workshop

September 24, 2025

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Introduction

Constructionist approaches to language posit that all linguistic knowledge needed for language comprehension and production can be captured as a network of form-meaning mappings, called constructions. Construction Grammars (CxGs) do not distinguish between words and grammar rules, but allow for mappings between forms and meanings of arbitrary complexity and degree of abstraction. CxGs are thereby able to uniformly capture the compositional and non-compositional aspects of language use, making the theory particularly attractive to researchers in the field of Natural Language Processing (NLP). CxG theories, for example, can serve as a valuable ‘lens’ to assess and investigate the abilities of today’s large language models, which lack explicit, theoretically grounded linguistic insights. At the same time, techniques from the field of NLP are often employed for the further development and scaling of CxG theories and applications.

The inaugural Construction Grammars (CxGs) and Natural Language Processing (NLP) (CxGs+NLP) workshop¹ successfully initiated dialogue between the two complementary perspectives of CxG and NLP, highlighting the untapped potential for collaboration and knowledge exchange. The first workshop took place shortly after the release of ChatGPT; now, two years later, the field has advanced considerably with the rise of generative AI and new LLMs. These developments make it all the more compelling to bring together researchers and practitioners to discuss the evolving landscape of CxG and NLP. In addition, in the time since the first workshop, there has been significant growth in the community’s interest at this intersection. Building on this momentum, the second CxGs+NLP workshop brings together researchers across theory and practice once again to explore how CxG approaches can both inform and benefit from state of the art NLP methods, with an emphasis on LLMs.

These proceedings include papers presented at the 2nd International Construction Grammars and NLP workshop on 24 September 2025, held in conjunction with 16th International Conference on Computational Semantics (IWCS) in Dusseldorf, Germany. CxGs+NLP 2025 received 35 submissions, out of which 17 archival presentations were presented as in-person talks, 5 papers were presented virtually as lightning talks with posters, and 9 non-archival papers were presented during the in-person poster session. The papers address topics including computational frameworks and tools for CxG, LLMs, constructional knowledge and evaluation, and empirical studies and theoretical insights.

In addition to the oral paper presentations and poster session, CxGs+NLP 2025 featured three outstanding invited talks by Professor Adele Goldberg (Psychology, Princeton University), Professor Laura A. Michaelis (Linguistics, University of Colorado Boulder), and Professor Thomas Hoffmann (English Language and Linguistics, Catholic University of Eichstätt-Ingolstadt).

Our program also included a second, community-building day of events on 25 Sept 2025. This event featured panels and break-out sessions to spur discussion and development of persistent community resources and points for communication and data-sharing. We encourage readers to join our community by joining the online [CxGs+NLP Group](#), which we continue to maintain with outcomes of our workshops and upcoming events.

Message from the Workshop Chairs

We thank our organizing committee for its continuing organization of the CxGs+NLP workshops, and the IWCS 2025 workshop chairs for their support. We are grateful to all of the authors for submitting their papers to the workshop and our program committee members for their dedication and their thoughtful reviews. We thank our invited speakers for making the workshop a uniquely valuable discussion of CxGs+NLP research.

Claire Bonial, Harish Tayyar Madabushi

¹<https://sites.google.com/view/cxgsnlpworkshop>

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