

CLASP Annual Report 2024

Sharid Loáiciga

March 17, 2025

1 Introduction

During 2024, CLASP members continued to publish in top-tier venues and conferences. Two additional PhD students completed their degrees, and efforts to secure external funding have been successful. In light of the limited availability of funding opportunities comparable in scope to the CLASP grant, members have applied for smaller grants that have in turn diversified our research agenda.

Shalom Lappin's involvement in CLASP was reduced in February 2023 following medical advice after triple heart bypass surgery. He has since reduced his involvement further but continues to be active in research and as a mentor within CLASP.

Furthermore, we optimized our expenditures to utilize the budget surplus accumulated in previous years, a surplus that was further augmented during the Covid-19 period. Our initiatives included sponsoring visits to Gothenburg for collaborative grant proposal writing, funding additional experimental data collection, including fMRI studies at Stockholm University, and supporting a language track at the Logic Colloquium, among other activities. Additionally, we decided to recruit one final postdoctoral researcher for two years.

Last, in February 2025, we submitted an additional official report to VR, something which was asked of the three Grants for International Recruitment of Leading Researchers currently hosted at the University of Gothenburg.

2 CLASP Staff

Our current staff is composed of:

Researchers:

Rasmus Blanck	Associate Senior Lecturer in Computational Linguistics (Docent in Logic)
Ellen Breitholtz	Senior Lecturer in Linguistics in FLoV, researcher in CLASP
Robin Cooper	Senior Researcher at CLASP, Professor emeritus of Computational Linguistics, Acting head of CLASP
Simon Dobnik	Professor of Computational Linguistics

Christine Howes	Professor of Computational Linguistics
Shalom Lappin	Professor, Senior Researcher, Chief Scientist of CLASP
Staffan Larsson	Professor of Computational Linguistics
Sharid Loáiciga	Associate Senior Lecturer in Computational Linguistics (Docent in Computational Linguistics), Coordinating Director of CLASP
Asad Sayeed	Senior Lecturer in Computational Linguistics (Docent in Computational Linguistics)

Post Doctoral Researchers:

Mattias Appelpgren

Bill Noble

David Pagmar

PhD Students:

Alexander Berman

Amandine Decker (double degree agreement with the University of Lorraine, Nancy, France)

Tewodros Gebreselassie (on indefinite leave of absence)

Nikolai Ilinykh (defended on 11 June 2024, started as post-doc 01 September 2024)

Vidya Somashekarappa (defended on 25 April 2024)

Associate Researchers:

Stergios Chatzikyriakidis Associate Director of CLASP until June 2021. He is currently Professor of Computational Linguistics at the University of Crete.

Alexander Clark Researcher in computational linguistics specialising in grammatical inference, and theoretical and mathematical approaches to natural language.

Chris Fox Previously Reader in Computer Science (Essex, UK), researcher in computational linguistics and formal semantics

Eleni Gregoromichelaki Professor of Linguistics in the Department of Philosophy, Linguistics, and Theory of Science at the University of Gothenburg.

Ruth Kempson Fellow of the British Academy, Member of Academia Europaea, Professor Emerita of Linguistics, Philosophy Department, King's College London.

Vladislav Maraev Post Doctoral researcher

Administrators:

Susanna Myyry

Kaj Ailomaa (Systems Administrator)

3 Research Activities and Research Groups

Dialogue Group

The dialogue group continues to grow, with new PhD students Talha Bedir and Vanessa Vanzan and new postdoc Erik Lagerstedt joining during 2024. Vidya Somashekarappa has moved on after successfully defending her PhD in April (which we also held a related workshop in connection with), and has subsequently secured a postdoc position in the medical school at the university.

We continue to publish in a wide variety of venues with many internal and external collaborators (see publications, appendix A), and meet fortnightly for our Dialogue Reading Group. We also hosted a number of visitors throughout the year, culminating with a research initiation meeting in Gothenburg in December (funded by Riksbanken Jubileumsfond) with a number of invitees including Pat Healey, Queen Mary University of London; Greg Mills, Goldsmiths University London; Stergios Chatzikyriakidis, University of Crete; Sara Amido, University Pompeu Fabra Barcelona. This two-day workshop was organised in order to discuss past and future collaborations and begin to sketch a synergy grant application to the ERC.

Work continues on existing grants acquired by and involving group members. Staffan Larsson, Jenny Myrendal and Bill Noble's work on Word Meaning Negotiation;¹ Asad Sayeed, Ellen Breitholtz and Robin Cooper's work in the GRIPES project;² and Christine Howes' work on mismatches in dialogue³ with Vlad Maraev, Eleni Gregoromichelaki, Ellen Breitholtz, Amy Han Qiu, Erik Lagerstedt, Fahima Ayub Khan, Vanessa Vanzan and Talha Bedir among others.

Further funding success came in the form of a VR project grant on "The Impact of Parkinson's Disease on Everyday Conversation", which will see PI Christine Howes appoint a PhD student to work in collaboration with colleagues at the Speech and Language Pathology unit.

Machine Learning, Cognitive Modeling, and Natural Language Processing Group

MLCMNLP has had a year of exceptional productivity. Headline achievements include the PhD defenses and graduations of Vidya Somashekarappa and Nikolai Ilinykh (the latter also in the cog-

¹Including a public facing blog at <https://njus.blogg.gu.se/>

²<https://www.gu.se/en/research/gripes-göteborg-research-initiative-for-politically-emergent-systems>

³<https://www.christinehowes.com/divcon>

nitive systems group). Vidya also had proceedings papers in the IEEE ARSO robotics conference and at SemDial.

Asad Sayeed and Sharid Loáiciga collaborated with Xudong Hong at Saarland University to launch another entry in the international BabyLM challenge, obtaining competitive scores with an innovative "active curriculum language modeling" approach. Asad also collaborated with Saarland University to launch the Visually Grounded Story Generation challenge task, the first results of which were presented at the INLG conference in Tokyo. Sharid also published work in low-resource language modeling and machine translation.

David Pagmar published and marketed a popular press book in Swedish (*Barnet och Språket*, "The Child and Language") on child language acquisition. With Asad Sayeed, he conducted a psycholinguistic experiment into the interaction between processing of quantifier scope ambiguities and ambiguities caused by morphological features in Swedish, which was presented at SemDial 2024 and in preparation for a publication at a larger venue. David and Asad then designed a functional MRI experiment in cooperation with the Stockholm University Brain Imaging Center (SUBIC); data collection is in progress. David and Asad have also cooperated with Yuval Marton at the University of Washington on exploring the differences in semantic role distribution in child and adult speech through conversational corpora, with results to appear in 2025.

2024 was the second-last year of the GRIPES project on political dogwhistles, having obtained an extension from the Wallenberg Foundations so that it instead ends at the beginning of 2026 rather than 2025. GRIPES published two journal articles in major venues, the Journal of Language and Politics and Journalism and Mass Communication Quarterly, with another paper under review at a similarly well-regarded journal. The GRIPES team also published work at the LChange workshop about using language models to attribute dogwhistle-based semantic drift to divergences between ideological communities. Another work devising novel measures for community-driven dogwhistle emergence over time was presented at the American Political Science Association annual conference, the second appearance for GRIPES at this event.

MLCMNLP also had media engagement this year. The Swedish channel TV4 interviewed Asad on the social consequences of AI chatbots designed to provide artificial "friends" to customers. The GRIPES project's publication in Journalism and Mass Communication Quarterly also attracted a news article on the Swedish Research Council's research news portal and the Swedish newspaper Dagens Etc.

Type Theory and Logic Group

The Type Theory and Logic group continues to operate as a loosely-knit group with common interests, and its main activities during 2024 include initiating a few research collaborations and projects.

Rasmus Blanck and Bill Noble received funding from FLoV to bring Gijs Wijnholds (Leiden University) to Gothenburg as a guest researcher for two week-long visits in March and May of 2024. Rasmus, Bill and Gijs initiated an ongoing research project that investigates grammar-constrained decoding of LLM outputs as a strategy for achieving logically consistent and interpretable performance on Natural Language Inference (NLI) benchmarks. They also provided strong LLM baselines for the Dialogue NLI dataset which was presented at SemDial this year.

Rasmus Blanck and Bill Noble also picked up an old collaboration with Stergios Chatzikyriakidis (University of Crete) to investigate the reasoning abilities of language models from a logical perspective.

Rasmus Blanck and Robin Cooper hosted Zach McKenzie (University of Chester) for a month-long stay in August–September 2024. Rasmus, Robin and Zach initiated an ongoing research project on the foundations of TTR and probabilistic semantics funded by the Swedish Research Council (VR 2023-00868).

Rasmus Blanck took part in the organisation of the 2024 Logic Colloquium at the University of Gothenburg. Its special session on Logic, Language and Computation was supported by CLASP, chaired by Robin Cooper and Stergios Chatzikyriakidis, and included invited talks by Kristina Liefke (Ruhr University Bochum), Zhaohui Luo (Royal Holloway, University of London) and Peter Sutton (University of Potsdam).

Cognitive Systems

In June, the group welcomed Mattias Appelgren as a new postdoctoral researcher. Nikolai Ilynikh had a final seminar (opponent: Stella Frank) and a thesis defence (opponent: Carina Silberer, committee: Lilja Øvrelid, Jörg Tiedemann, Desmond Elliot, and Bahareh Afshari (substitute)), for which a pre-defence workshop on *NLP and Multi-Modality* was organised.

We participated in the organisation of workshops and events. In January Dobnik co-organised with Beáta Megyesi (Stockholm University) and Hannah Devinney (Umeå University/Linköping University) *The Workshop on Ethics for Research and Teaching in Natural Language Processing*⁴ funded by the SLUGU consortium of Swedish universities. In March he organised within the Mormor Karl Research environment *The Workshop on Computational Approaches to Language Data Pseudonymisation (CALD-pseudo)*⁵ at EACL in Malta. Also, within this project, in November, the group participated in *The Workshop on Privacy and AI: Towards a Trustworthy Ecosystem (AITrust)*⁶ at the WASP-HS 2024 Conference. In October, Dobnik was involved in *The EUTOPIA Workshop Beyond Words: Theoretical, Experimental, and Computational Approaches to Language, Contexts, and Modalities*⁷ with partners from UPF Barcelona and University of Ljubljana. Appelgren and Dobnik worked on *Towards The Positronic Brain? The Workshop on Situated and Embodied Language Processing and Multimodal Interaction*⁸ that was planned for the Swedish Language Technology (SLTC). Finally, Ilynikh and Dobnik participate in the organisation of *The RESOURCEFUL-3 workshop*<https://resourceful-workshop.github.io/resourceful-2025/> co-located with NODALIDA-25.

Work continues on the existing grants of the members. The EUTOPIA seed funding for a connected research community involving us, UPF University in Barcelona and University of Ljubljana⁹ started collaborations on forthcoming grant proposals. Our participation in the VR funded Mormor Karl Research Environment¹⁰ established collaborations with University of Helsinki (Therese Lindström Tiedemann) and Umeå University (Xuan-Son Vu). The recently started VR funded project “Beyond pixels and words” is currently recruiting a researcher who is expected to join the group during 2025.

The group has met fortnightly to discuss current research as a reading group or with international guest speakers online. In June, we held a second annual “Out to the island day” where we dis-

⁴<https://gu-clasp.github.io/language-and-perception/events/ethics-for-nlp>

⁵<https://mormor-karl.github.io/events/CALD-pseudo/>

⁶<https://mormor-karl.github.io/events/AITrust-Workshop/>

⁷<https://sites.google.com/view/eutopia-beyond-words/home>

⁸<https://gu-clasp.github.io/language-and-perception/events/positronic-brain/>

⁹<https://eutopia-university.eu/english-version/integrated-connected-communities/grounding-human-centred-ai-on-embodied-multimodal-interaction-2>

¹⁰<https://mormor-karl.github.io>

cussed our research and future plans in the natural environment of Gothenburg Archipelago. We aim at establishing a strong connection between research and teaching and encourage masters students to participate at these events.

4 Scientific Activities (Conferences, Workshops, Seminars and Speakers)

Annual Conference

In 2024, our annual workshop was held on October 14–15 with the title “Multimodality and Interaction in Language Learning (MILLing)”. As in previous years, the event was sponsored by SIGSEM, and the proceedings were published in the ACL Anthology. This edition was organized entirely by our postdoctoral researchers, Bill Noble, David Pagmar, Vlad Maraev, Amy Qiu, and Nikolai Ilinykh, with the topics and call for papers reflecting their research interests. The workshop attracted 77 participants onsite and 28 online, and included keynote presentations by:

- Catherine Pelachaud, Director of Research CNRS, ISIR – Institut des Systèmes Intelligents et de Robotique, Sorbonne Université
Multi-forms Adaptation for Socially Interactive Agents
- Charles Yang, Professor of Linguistics and Computer Science, University of Pennsylvania
Why language learning is not probabilistic
- Napoleon Katsos, Professor of Experimental Pragmatics, Section of Theoretical and Applied Linguistics at the University of Cambridge & Fellow at Trinity College, Cambridge
“Deficit”, “difficulty”, “difference”: Perspectives into autistic people’s pragmatic skills and their implications for research methodology
- Robin Cooper, Senior Researcher at CLASP and Professor emeritus of Computational Linguistics, Department of Philosophy, Linguistics and Theory of Science, University of Gothenburg. Acting Head of CLASP
Types in a Theory of Interactive Learning

Research Seminar

As in previous years, we continue holding a weekly research seminar in hybrid format. Whenever possible, it is preferable for our guest speakers to visit CLASP in person. However, the option to give their presentation online is always available as a practical alternative.

We strive to invite guest speakers from diverse affiliations, including both national and international institutions, whose work is relevant to the different areas of interest in CLASP. The seminar is also a forum for CLASP researchers to present ongoing work, and it gives the PhD students an opportunity to receive useful feedback.

The list of guests at the research seminar during 2024 includes:

- Guy Edward Toh Emerson, University of Cambridge
Truth conditions at scale, and beyond on Jan 24
- Valerio Basile, University of Turin
Mining and Modeling Perspectives in NLP on Jan 31
- Amanda Wasielewski, Uppsala University
New Models for Art: Machine Epistemologies on Feb 21

- Nikolai Ilinykh, University of Gothenburg
Contextual understanding of language in the world: language-and-vision neural models as learners of multi-modal knowledge on Mar 27
- Mehul Bhatt, Örebro University & CoDesign Lab EU
Cognitive Vision: Towards Human-Centred Computational Visual Intelligence on Apr 10
- Anna Rogers, IT University of Copenhagen
A Sanity Check on Emergent Properties on Apr 24
- Dominique Knutsen, Université de Lille; Emilia Barakova, Eindhoven University of Technology; Chris Howes, Gothenburg University
Workshop in conjunction with Vidya Somashekarappa's defense on Apr 26
- Alessandro Lenci, Università di Pisa
What do Large Language Models Know about Events and their Relations? on May 8
- Mari Paananen, University of Gothenburg
Text analysis in a capital market context on May 22
- Jörg Tiedemann, University of Helsinki; Ece Takmaz, Utrecht University; Carina Silberer, University of Stuttgart; Desmond Elliott, University of Copenhagen; Mario Guilianelli, ETH Zürich; Bill Noble, University of Gothenburg
Workshop in conjunction with Nikolai Ilinykh's defense on Jun 10
- Danae Sánchez, University of Copenhagen
Beyond Words: Analyzing Social Media with Text and Images on Oct 2
- Rob van der Goot, IT University of Copenhagen
Robustness in NLP: challenges and opportunities on Oct 9
- Yufang Hou, IBM Research & UKP Lab-TU Darmstadt
The AI-Augmented Scientist: Building Computational Models for Effective Knowledge Synthesis and Dissemination on Oct 23
- Ekaterina Lapshinova-Koltunski, Universität Hildesheim & Saarland University
Cognitive insights into analysis of translationese combining product and process data on Nov 6
- David Pagmar, University of Gothenburg
Context Enabled Ambiguity in the Brain on Nov 20
- Denitsa Saynova and Lovisa Hagström, Chalmers University of Technology
Fact Recall, Heuristics or Pure Guesswork? Precise Interpretations of Language Models for Fact Completion on Dec 11

Grants

Additional external funding include:

Obtained during 2024

- Christine Howes (PI) The impact of Parkinson's disease on everyday conversation. Vetenskapsrådet 2024-00869 (with colleagues at the Institute of Neuroscience and Physiology, GU and Speech and Language Pathologists at Angereds Närsjukhus)

Ongoing projects

- Rasmus Blanck (PI) Types, Sets and Probabilistic Semantics. Vetenskapsrådet 2023-00868 (with Cooper and colleagues at the University of Chester, UK)
- Simon Dobnik (PI) Beyond pixels and words: computational generation and understanding of spatial language in action. Vetenskapsrådet 2023-01552
- Simon Dobnik (co-I) Grandma Karl is 27 years old: Automatic pseudonymisation of research data. Vetenskapsrådet 2022-02311 (led by colleagues in the Department of Swedish, multilingualism, language technology, GU)
- Christine Howes (PI) Divergence and convergence in dialogue: The dynamic management of mismatches. ERC StG-101077927
- Staffan Larsson (PI) Not Just Semantics: Word Meaning Negotiation in Social Media and Spoken Interaction. Vetenskapsrådet, 2022-02125 (with Noble and colleagues from the Department of Education, Communication and Learning, GU)
- Vladislav Maraev (International Post doc) SocLaVA: Social laughter for virtual agents. Vetenskapsrådet 2023-00358 (international partner Sorbonne University, Paris)
- Asad Sayeed (PI) Gothenburg Research Initiative for Politically Emergent Systems (GRIPES) Marianne och Marcus Wallenberg; MMW 2019-0214 (with Breitholtz, Cooper and the Department of Journalism, Media and Communication, GU)

Completed projects

- Ellen Breitholtz (PI) Dialogical Reasoning in Patients with Schizophrenia. Riksbankens jubileumsfond P16-0805:1 (with Howes and Cooper)
- Christine Howes (PI) Incremental Reasoning in Dialogue. Vetenskapsrådet, 2016-01162 (with Breitholtz and Cooper and colleagues in Belfast)

5 PhD Program in Computational Linguistics

In 2024, two students completed the PhD program successfully: Vidya Somashekarappa and Nikolai Ilinykh, who is now a postdoctoral researcher in the MLCMNLP group. It is worth mentioning that the PhD program will continue to thrive, with students Vanessa Vanzan and Talha Bedir funded by Chris Howes' ERC starting grant. As departmental funding for full PhD positions is limited (currently only one position is available approximately every 4 years, rotated among groups), we remain relying on additional funding to sustain the program.

6 Budget

It is well documented that we had accumulated a budget surplus in previous years, which was further increased during the Covid-19 period. During 2024, we implemented four targeted initiatives to increase spending, resulting in an additional expenditure of approximately 2,5 million SEK compared to 2023.

The initiatives included:

- Seed funding for research projects. Visits lasting up to 2 weeks for external researchers to come to CLASP or for CLASP members to travel abroad. The idea was to focus on a

concrete grant proposal rather than general research or collaboration. People should have a specific grant or call in mind. Visitors are limited to researchers with a PhD degree.

- Travel to conferences if participating in some way different than just reviewing, e.g., chair, workshop organizer, etc. Eligible conferences should be well-established events like *ACL, LREC, NeurIPS, etc.
- Guarantees of small grants connected with travel or bringing researchers to CLASP. If you have applied externally for a small workshop or research meeting at CLASP, CLASP guarantees the funding you have applied for if the proposal is not accepted.
- Funding for students from the Master in Language Technology who have written a paper with CLASP members so they can attend the conferences where the paper is accepted.

At the end of 2024, we also decided to hire one final postdoctoral researcher. Additionally, we allocated approximately 100,000 SEK to fund the fMRI experiments led by Asad Sayeed and David Pagmar.

Having taken these measures, we estimate that we can now complete the project within the allocated budget.

7 Plans for 2025

In 2025, we will continue our ongoing efforts in publishing high-quality research and securing external funding.

This year's conference title is *Language Models and Representations* (LARP) and it will explore the intersection of neural (sub-symbolic) and discrete (symbolic) representations within computational linguistics and artificial intelligence. The conference will mark the 10th year anniversary of CLASP. The event is scheduled for 8–9 September.

Additionally, we plan finalizing the recruitment of an additional postdoctoral researcher.

A Publications, Talks and Other Outputs

Total Outputs by Publication Category:

Thesis.....	2
Books	2
Refereed Journal Papers.....	6
Refereed Papers in Proceedings.....	36
Edited Collection or Proceedings	6
Talks	26
Conference Presentations, Non-archival Contributions and Others	20

○ Mattias Appelgren

Conference Presentations, Non-archival Contributions and Others

Appelgren, M., & Dobnik, S. (2024). *Proceedings of the 28th workshop on the semantics and pragmatics of dialogue*. SEMDIAL.

○ Alex Berman

Refereed Journal Papers

Berman, A. (2024). Too Far Away from the Job Market – Says Who? Linguistically Analyzing Rationales for AI-based Decisions Concerning Employment Support. *Weizenbaum Journal of the Digital Society*, 4(3).

Berman, A., de Fine Licht, K., & Carlsson, V. (2024). Trustworthy AI in the public sector: An empirical analysis of a Swedish labor market decision-support system. *Technology in Society*, 76, 102471. <https://doi.org/https://doi.org/10.1016/j.techsoc.2024.102471>

Refereed Papers in Proceedings

Berman, A. (2024a). Argumentative Dialogue As Basis For Human-AI Collaboration. *Proceedings of HHAI 2024 Workshops*.

Berman, A. (2024b). Why do you think this person is introverted?: Towards conversational argumentative explainability. *Frontiers in Artificial Intelligence and Applications, 3rd International Conference on Hybrid Human-Artificial Intelligence, HHAI 2024 Hybrid, Malmö, 10-14 June 2024*.

Conference Presentations, Non-archival Contributions and Others

Berman, A. (2024). *Semantic coordination in conversational explanations of predictive models: Preliminary findings* [Poster presentation at Multimodality and Interaction in Language Learning (MILLing)].

Berman, A., Carlsson, V., & de Fine Licht, K. (2024a). Rättssäkerheten står på spel när AI får ta beslut [Opinion piece in press, Svenska Dagbladet, Aug 30].

Berman, A., Carlsson, V., & de Fine Licht, K. (2024b). *Trustworthy AI in the public sector: Insights and recommendations grounded in a case study* [Presentation at Privacy and AI: Towards a Trustworthy Ecosystem].

Berman, A., de Fine Licht, K., & Wahde, M. (2024). AI-bedömningar måste gå att förstå [Opinion piece in press, Svenska Dagbladet, Oct 12].

- Berman, A., & Howes, C. (2024). *Vagueness and informativity in conversational explanations of model predictions* [Presentation at Beyond Words: Theoretical, Experimental, and Computational Approaches to Language, Contexts, and Modalities].
- Maraev, V., Berman, A., & Larsson, S. (2024). *SISU: Statecharts meet Information State Update approach* [Presentation at Swedish Workshop on Conversational AI].

Talks

- Berman, A. (2024a). *AI och du* [Public talk at Kulturhuset Fyren, Kungsbacka].
- Berman, A. (2024b). *AI som handläggare* [Public talk at University of Gothenburg].

◦ Rasmus Blanck

New research collaborations

- Gijs Wijnholds (Leiden University) and Bill Noble on grammar-constrained decoding of LLM outputs as a strategy for achieving logically consistent and interpretable performance on Natural Language Inference (NLI) benchmarks.
- Stergios Chatzikiyiakidis (University of Crete) and Bill Noble on the reasoning abilities of language models from a logical perspective.
- Zach McKenzie (University of Chester) and Robin Cooper on the foundations of TTR and probabilistic semantics (funded by the Swedish Research Council; VR 2023-00868).

◦ Ellen Breitholtz

Refereed Journal Papers

- Lindgren, E., Rönnerstrand, B., Rettenegger, G., Breitholtz, E., Cooper, R., & Sayeed, A. (2024). Coded Appeals and Political Gains: Exploring the Impact of Racial Dogwhistles on Political Support. *Journalism and Mass Communication Quarterly*.
- Sayeed, A., Breitholtz, E., Cooper, R., Lindgren, E., Rettenegger, G., & Rönnerstrand, B. (2024). The utility of (political) dogwhistles — a life cycle perspective. *Journal of Language and Politics*.

Refereed Papers in Proceedings

- Breitholtz, E., & Howes, C. (2024). Behaving according to protocol: How communicative projects are carried out differently in different settings. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Full Papers*. http://semdial.org/anthology/Z24-%20Breitholtz_semdial_0004.pdf

Conference Presentations, Non-archival Contributions, and Others

- Decker, A., Tourneur, V., Amblard, M., & Breitholtz, E. (2024). “wait, did you mean the doctor?”: Collecting a dialogue corpus for topical analysis. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Poster Abstracts*. http://semdial.org/anthology/Z24-Decker_semdial_0041.pdf
- Petrén, D., & Breitholtz, E. (2024). “if a foid wanted me i’d probably go mgtow: How ideology and identity are displayed on an incel forum”: Collecting a dialogue corpus for topical analysis. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Poster Abstracts*.

Talks

- Breitholtz, E., & Howes, C. (2024). Children's strategies for developing resources in interaction [Perspectives on Argumentation in Context: Interactional Skills, Logical Structures and Methodological Advances – Invited talk].
- Howes, C., Breitholtz, E., & Maraev, V. (2024). Only joking: Exploiting mismatches in topoi [Colloquium on language, interaction, and the world (in association with Vidya Somashekarappa's PhD defence) – invited talk].

External grants

- GRIPES (PI Asad Sayeed)

Other research activities

- Refereeing for Nordic Journal of Linguistics
- Refereeing for CLASP conference 2024
- Co-president of the SemDial Workshop Series on the Semantics and Pragmatics of Dialogue (2018 -)

◦ Robin Cooper

Refereed Journal Papers

- Lindgren, E., Rönnerstrand, B., Rettenegger, G., Breitholtz, E., Cooper, R., & Sayeed, A. (2024). Coded Appeals and Political Gains: Exploring the Impact of Racial Dogwhistles on Political Support. *Journalism and Mass Communication Quarterly*.
- Sayeed, A., Breitholtz, E., Cooper, R., Lindgren, E., Rettenegger, G., & Rönnerstrand, B. (2024). The utility of (political) dogwhistles — a life cycle perspective. *Journal of Language and Politics*.

Refereed Papers in Proceedings

- Ek, A., Noble, B., Chatzikyriakidis, S., Cooper, R., Dobnik, S., Gregoromichelaki, E., Howes, C., Larsson, S., Maraev, V., Mills, G., & Wijnholds, G. (2024). I hea- umm think that's what they say: A dataset of inferences from natural language dialogues. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Full Papers*. http://semdial.org/anthology/Z24-Ek_semdial_0010.pdf
- Lücking, A., Ginzburg, J., & Cooper, R. (2024). Grammar in dialogue. In S. Müller, A. Abeillé, R. D. Borsley, & J.-P. Koenig (Eds.), *Head-Driven Phrase Structure Grammar: The handbook, 2nd revised edn.* (pp. 1231–1276). Language Science Press. <https://doi.org/10.5281/zenodo.13644955>

Talks

- Types in a Theory of Interactive Learning, CLASP Conference

External grants

- GRIPES (PI Asad Sayeed)
- Types, Sets and Probability (PI Rasmus Blanck)

Other research activities

- Organized with Stergios Chatzikyriakidis (University of Crete) special session Logic, Language and Computation at ASL Logic Colloquium, Gothenburg
- Editorial board Journal of Semantics 2016–
- Editorial board IfCoLog Journal of Logics and their Applications
- Consulting editor for Journal of Logic, Language and Information
- Editorial board Cambridge Elements in Semantics 2021–
- Refereeing for Journal of Logic, Language and Information 2024
- Refereeing for LREC-COLING (Language Resources and Evaluation — Computational Linguistics) 2024
- Refereeing for SALT 34 (Semantics and Linguistic Theory) 2024
- Refereeing for CLASP conference 2024
- Refereeing for festschrift 2024
- Fellow of the British Academy (1993–)
- Fellow of the Royal Society of Arts and Sciences in Gothenburg (1996–)
- Member of Academia Europaea (2009–)

◦ **Amandine Decker**

Conference Presentations, Non-archival Contributions, and Others

- Decker, A., & Amblard, M. (2024a). Construction d’une mesure de similarité thématique non supervisée pour les conversations. In M. Balaguer, N. Bendahman, L.-M. Ho-dac, J. Maucclair, J. G. Moreno, & J. Pinquier (Eds.), *Actes de la 31ème conférence sur le traitement automatique des langues naturelles, volume 1 : Articles longs et prises de position* (pp. 362–375). ATALA; AFPC. <https://aclanthology.org/2024.jeptalnrecital-taln.25/>
- Decker, A., & Amblard, M. (2024b). With a little help from my (linguistic) Friends: Topic segmentation of multi-party casual conversations. In M. Strube, C. Braud, C. Hardmeier, J. J. Li, S. Loaiciga, A. Zeldes, & C. Li (Eds.), *Proceedings of the 5th workshop on computational approaches to discourse (codi 2024)* (pp. 177–188). Association for Computational Linguistics. <https://aclanthology.org/2024.codi-1.16/>
- Decker, A., Tourneur, V., Amblard, M., & Breitholtz, E. (2024). “wait, did you mean the doctor?”: Collecting a dialogue corpus for topical analysis. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Poster Abstracts*. http://semdial.org/anthology/Z24-Decker_semdial_0041.pdf

◦ **Simon Dobnik**

Refereed Papers in Proceedings

- Ek, A., Noble, B., Chatzikyriakidis, S., Cooper, R., Dobnik, S., Gregoromichelaki, E., Howes, C., Larsson, S., Maraev, V., Mills, G., & Wijnholds, G. (2024). I hea- umm think that’s what they say: A dataset of inferences from natural language dialogues. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Full Papers*. http://semdial.org/anthology/Z24-Ek_semdial_0010.pdf

- Muñoz Sánchez, R., Alfter, D., Dobnik, S., Szawerna, M. I., & Volodina, E. (2024). Jingle BERT, jingle BERT, frozen all the way: Freezing layers to identify CEFR levels of second language learners using BERT. In T. Gaillat, C. Mallart, F. Moreau, J.-Y. Li, G. Drouet, D. Alfter, E. Volodina, & A. Jönsson (Eds.), *Proceedings of the 13th workshop on natural language processing for computer assisted language learning (nlp4call 2024)* (Vol. 211 and 56). Linköping Electronic Conference Proceedings. <https://doi.org/10.3384/ecp211011>
- Muñoz Sánchez, R., Dobnik, S., Szawerna, M. I., Lindström Tiedemann, T., & Volodina, E. (2024). Did the names I used within my essay affect my score? diagnosing name biases in automated essay scoring. In E. Volodina, D. Alfter, S. Dobnik, T. Lindström Tiedemann, R. Muñoz Sánchez, M. I. Szawerna, & X.-S. Vu (Eds.), *Proceedings of the workshop on computational approaches to language data pseudonymization (cald-pseudo 2024)* (pp. 81–91). Association for Computational Linguistics. <https://aclanthology.org/2024.caldpseudo-1.10/>
- Muñoz Sánchez, R., Dobnik, S., & Volodina, E. (2024). Harnessing GPT to study second language learner essays: Can we use perplexity to determine linguistic competence? In E. Kochmar, M. Bexte, J. Burstein, A. Horbach, R. Laarmann-Quante, A. Tack, V. Yaneva, & Z. Yuan (Eds.), *Proceedings of the 19th workshop on innovative use of nlp for building educational applications (bea 2024)* (pp. 414–427). Association for Computational Linguistics. <https://aclanthology.org/2024.bea-1.34>
- Szawerna, M. I., Dobnik, S., Lindström Tiedemann, T., Muñoz Sánchez, R., Vu, X.-S., & Volodina, E. (2024). Pseudonymization categories across domain boundaries. In N. Calzolari, M.-Y. Kan, V. Hoste, A. Lenci, S. Sakti, & N. Xue (Eds.), *Proceedings of the 2024 joint international conference on computational linguistics, language resources and evaluation (lrec-coling 2024)* (pp. 13303–13314). ELRA; ICCL. <https://aclanthology.org/2024.lrec-main.1164>
- Szawerna, M. I., Dobnik, S., Muñoz Sánchez, R., Lindström Tiedemann, T., & Volodina, E. (2024). Detecting personal identifiable information in Swedish learner essays. In E. Volodina, D. Alfter, S. Dobnik, T. Lindström Tiedemann, R. Muñoz Sánchez, M. I. Szawerna, & X.-S. Vu (Eds.), *Proceedings of the workshop on computational approaches to language data pseudonymization (cald-pseudo 2024)* (pp. 54–63). Association for Computational Linguistics. <https://aclanthology.org/2024.caldpseudo-1.7/>

Conference Presentations, Non-archival Contributions, and Others

- Appelgren, M., & Dobnik, S. (2024a). To your left: A dataset and a task of spatial perspective coordination. In R. Bernardi, E. Breitholtz, & G. Riccardi (Eds.), *Proceedings of the 28th workshop on the semantics and pragmatics of dialogue - poster abstracts* (p. 3). SEMDIAL. <https://www.semdial.org/anthology/papers/Z/Z24/Z24-4046/>
- Appelgren, M., & Dobnik, S. (2024b). To your left: A dataset and a task of spatial perspective coordination. In L. Ahrenberg, A. Jönsson, M. Kuhlman, & J. Kunz (Eds.), *Proceedings of the swedish language technology conference (SLTC-2024) proceedings of the swedish language technology conference (SLTC-2024)* (pp. 1–5). <https://sltc2024.github.io/abstracts/appelgren.pdf>
- Ilinykh, N., & Dobnik, S. (2024a). Dialogue with llava: Does it “understand” the pragmatics of the meetup task? *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Poster Abstracts*. http://semdial.org/anthology/Z24-Ilinykh_semdial_0046.pdf
- Ilinykh, N., & Dobnik, S. (2024b). Visual dialogue generation challenge: An initiative for evaluating, collecting and modelling multi-modal and multi-lingual dialogue between humans. In HUMInfra (Ed.), *Abstracts and talks of the huminfra conference (HiC 2024)*. <https://www.huminfra.se/HiC-2024>

- Johansson, A., Ek, A., & Dobnik, S. (2024). A diagnostic corpus for spatial language in the natural language inference task. In HUMInfra (Ed.), *Abstracts and talks of the huminfra conference (HiC 2024)*. <https://www.huminfra.se/HiC-2024>
- Muñoz Sánchez, R., Dobnik, S., Lindström Tiedemann, T., Szawerna, M. I., & Volodina, E. (2024). Name biases in automated essay assessment. In T. Ainiala, L. Hämäläinen, M. Juhonen, J. Lehtonen, M. Nevala, M. Saarelma-Paukkala, & P. Sjöblom (Eds.), *Proceedings of the 28th international congress of onomastic sciences (ICOS 28)* (p. 71). <https://www.helsinki.fi/en/conferences/28th-international-congress-onomastic-sciences/programme/abstracts>
- Szawerna, M. I., Dobnik, S., Muñoz Sánchez, R., & Volodina, E. (2024). Swedish learner essays revisited: Further insights into detecting personal information. In L. Ahrenberg, A. Jönsson, M. Kuhlman, & J. Kunz (Eds.), *Proceedings of the swedish language technology conference (SLTC-2024)* (pp. 1–9). <https://sltc2024.github.io/abstracts/szawerna.pdf>

Edited Collection or Proceedings

- Volodina, E., Alfter, D., Dobnik, S., Lindström Tiedemann, T., Muñoz Sánchez, R., Szawerna, M. I., & Vu, X.-S. (Eds.). (2024). *Proceedings of the Workshop on computational approaches to language data pseudonymization (CALD-pseudo 2024)*. Association for Computational Linguistics. <https://aclanthology.org/volumes/2024.caldpseudo-1/>

Talks

- Dobnik, S. (2024a). *Beyond pixels and words* (Keynote at Language Technologies and Digital Humanities Conference (JTDH-2024)). The Slovenian Language Technologies Society (SDJT), The Centre for Language Resources, Technologies, University of Ljubljana (CJVT), CLARIN.SI (Jožef Stefan Institute), DARIAH-SI (Institute of Contemporary History, and ZRC SAZU). Faculty of Electrical Engineering, University of Ljubljana. <https://zenodo.org/records/13936380>
- Dobnik, S. (2024b). *How language models understand the world* (Conference presentation). The Gothenburg Research Infrastructure in Digital Humanities (GRIDH), University of Gothenburg, The Swedish School of Library, and Information Science (SSLIS), University of Borås. Gothenburg, Sweden. <https://dh.gu.se/humanisticai>
- Dobnik, S. (2024c). *Panelist in the discussion of “ai in humanistic education”* (Conference presentation). Symposium on Humanistic AI. Gothenburg, Sweden. <https://dh.gu.se/humanisticai>
- Dobnik, S. (2024d). *Panelist in the discussion of “frontiers in speech communication research”* (Conference presentation). The Slovenian Language Technologies Society (SDJT). Faculty of Electrical Engineering, University of Ljubljana. <https://zenodo.org/records/13912515>

External grants

- EUTOPIA Connected Community seed funding grants, 2024–2025, Co-leader with Eleni Gregoromichelaki, webpage.
- Grandma Karl is 27 years old: automatic pseudonymization of research data, VR Research Environment, 2023–2028, Co-investigator, webpage.
- Beyond pixels and words, VR Project, 2024–2028, Project leader.

○ Christine Howes

Refereed Papers in Proceedings

- Breitholtz, E., & Howes, C. (2024). Behaving according to protocol: How communicative projects are carried out differently in different settings. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Full Papers*. http://semdial.org/anthology/Z24-%20Breitholtz_semdial_0004.pdf
- Ek, A., Noble, B., Chatzikyriakidis, S., Cooper, R., Dobnik, S., Gregoromichelaki, E., Howes, C., Larsson, S., Maraev, V., Mills, G., & Wijnholds, G. (2024). I hea- umm think that's what they say: A dataset of inferences from natural language dialogues. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Full Papers*. http://semdial.org/anthology/Z24-Ek_semdial_0010.pdf
- Giannitzi, E., Maraev, V., & Howes, C. (2024). Reacting to the last laugh: Probing non-humorous laughter with Furhat robot. *Laughter and Other Non-Verbal Vocalisations Workshop*. https://www.christinehowes.com/papers/Giannitzi.etal_LW_2024.pdf
- Qiu, A. H., Vanzan, V., Soupiona, C., & Howes, C. (2024). Disfluencies in conversation: A comparison of utterances with and without metaphors. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Full Papers*. http://semdial.org/anthology/Z24-Qiu_semdial_0013.pdf
- Somashekarappa, V., Howes, C., & Sayeed, A. (2024). Good looking: How gaze patterns affect users' perceptions of an interactive social robot. *2024 IEEE International Conference on Advanced Robotics and Its Social Impacts (ARSO)*, 128–133.

Conference Presentations, Non-archival Contributions, and Others

- Amido, S., Maraev, V., & Howes, C. (2024). “no, you listen!” a pilot experiment into escalation devices in confrontational conversation. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Poster Abstracts*. http://semdial.org/anthology/Z24-Amido_semdial_0026.pdf
- Berman, A., & Howes, C. (2024). *Vagueness and informativity in conversational explanations of model predictions* [Presentation at Beyond Words: Theoretical, Experimental, and Computational Approaches to Language, Contexts, and Modalities].
- Giannitzi, E., Maraev, V., & Howes, C. Large Language Models and Laughter: Is it Still the Best Medicine? In: *International society for humor studies conference*. 2024. https://www.christinehowes.com/papers/Giannitzi.etal_ISHS_2024.pdf
- Howes, C. Divergence and Convergence in dialogue: The dynamic management of mismatches. In: *In Sling*. 2024.
- Howes, C., Breitholtz, E., & Maraev, V. No laughing matter: Creating and interpreting emotions through interaction. In: *In Conference of the international society for research on emotion*. 2024. https://www.christinehowes.com/papers/Howes.etal_ISRE_2024.pdf
- Howes, C., Lagerstedt, E., Pagmar, D., Breitholtz, E., & Prendergast, C. “Ice cream is super yummy” How children and ChatGPT respond to why and how questions. In: *In Proceedings of the 2024 clasp conference on multimodality and interaction in language learning*. 2024.
- Khan, F. A., Gregoromichelaki, E., & Howes, C. Code-switching in the formation of conceptual pacts. In: *In Highlights in the language sciences conference*. 2024. https://www.christinehowes.com/papers/AyubKhan.etal_HILS2024.pdf
- Khan, F. A., Howes, C., & Gregoromichelaki, E. A Cross-linguistic Analysis of Implicative Verbs. In: *In Architectures and mechanisms of language processing*. 2024. https://www.christinehowes.com/papers/AyubKhan.etal_AMLaP24_implicatives.pdf

- Khan, F. A., Howes, C., & Gregoromichelaki, E. Code-switching in the Formation of Conceptual Pacts. In: *In Architectures and mechanisms of language processing*. 2024. https://www.christinehowes.com/papers/AyubKhan.etal_AMLaP24_chattool.pdf
- Lagerstedt, E., & Howes, C. I robot, you Jane? Ethics in the age of social robots. In: *In Unfolding ethics in research and society: Beyond ethical principles and guidelines; wasp-hs workshop in conjunction with the conference ai for humanity and society*. 2024.
- Qiu, A. H., Howes, C., & Maraev, V. Metaphoricity, deliberateness, and conversation behaviours: A case study of behavioral patterns in the use of linguistic metaphors. In: *In Highlights in the language sciences conference*. 2024. https://www.christinehowes.com/papers/HanQiu.etal_HILS2024.pdf
- Somashekarappa, V., & Howes, C. (2024). Influence of robot-gaze aversion on human-behavioral dynamics and perceptual cognition. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue*.
- Vanzan, V., Han Qiu, A., Ayub Khan, F., Soupiona, C., & Howes, C. (2024). Emoji-text mismatches: Stirring the pot of online conversations. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Poster Abstracts*. http://semdial.org/anthology/Z24-Vanzan_semdial_0038.pdf
- Vanzan, V., Khan, F. A., & Howes, C. What do you meme? The relevance of non-propositional effects on humour processing: A case study of internet memes. In: *In Highlights in the language sciences conference*. 2024. https://www.christinehowes.com/papers/Vanzan.etal_HILS2024.pdf

Talks

- Breitholtz, E., & Howes, C. (2024). Children's strategies for developing resources in interaction [Perspectives on Argumentation in Context: Interactional Skills, Logical Structures and Methodological Advances – Invited talk].
- Howes, C. (2024a). Is the Age of Reason Dead? [Public talk at Strömstad library in connection with Strömstad Opera's production of Mozart's "The Magic Flute"].
- Howes, C. (2024b). Managed mismatches: Exploiting interactive Reasoning mechanisms in dialogue [Mannheim symposium on (Un-)cooperative behaviour in social interaction – Invited talk].
- Howes, C., Breitholtz, E., & Maraev, V. (2024). Only joking: Exploiting mismatches in topoi [Colloquium on language, interaction, and the world (in association with Vidya Somashekarappa's PhD defence) – invited talk].

○ Nikolai Ilinykh

Doctoral thesis

- Ilinykh, N. (2024). *Computational models of language and vision: Studies of neural models as learners of multi-modal knowledge* [Doctoral dissertation, Department of Philosophy, Linguistics and Theory of Science, University of Gothenburg]. <https://gupea.ub.gu.se/handle/2077/80949>

Edited Proceedings

- Qiu, A., Noble, B., Pagmar, D., Maraev, V., & Ilinykh, N. (Eds.). (2024). *Proceedings of the 2024 clasp conference on multimodality and interaction in language learning*. Association for Computational Linguistics. <https://aclanthology.org/2024.clasp-1.0/>

Conference Presentations, Non-archival Contributions, and Others

- Ilinykh, N. (2024a). *Biases in language-and-vision nlp: Where we are and what we might need* [Talk at the workshop on ethics for research and teaching in natural language processing].
- Ilinykh, N. (2024b). *Visualising what llms learn about images and words* [Tutorial presentation at "Beyond Words: Theoretical, Experimental, and Computational Approaches to Language, Contexts, and Modalities"].
- Ilinykh, N., & Dobnik, S. (2024a). Dialogue with llava: Does it “understand” the pragmatics of the meetup task? *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Poster Abstracts*. http://semdial.org/anthology/Z24-Ilinykh_semdial_0046.pdf
- Ilinykh, N., & Dobnik, S. (2024b). Visual dialogue generation challenge: An initiative for evaluating, collecting and modelling multi-modal and multi-lingual dialogue between humans. In HUMInfra (Ed.), *Abstracts and talks of the huminfra conference (HiC 2024)*. <https://www.huminfra.se/HiC-2024>
- Ilinykh, N., & Loáiciga, S. (2024a). *How can multimodality be leveraged for coreference resolution?* [Talk at Dagstuhl Perspectives Workshop 24492 "Human in the Loop: Learning through Grounded Interaction in Games"].
- Ilinykh, N., & Loáiciga, S. (2024b). *How do images help coreference? a case study on the multimodal tell-me-more dataset* [Paper presentation at Swedish Language Technology Conference (SLTC) 2024]. <https://sltc2024.github.io/abstracts/ilinykh.pdf>

◦ Shalom Lappin

Refereed Journal Papers

- Lappin, S. (2024). Assessing the strengths and weaknesses of large language models. *Journal of Logic, Language and Information, special issue Natural Logic Meets Machine Learning*, 33, 9–20.

Talks

- Lappin, S. (2024a). The AI Revolution: Risks Imagined and Real [Academia Europaea, Wrocław].
- Lappin, S. (2024b). The AI Revolution: Risks Imagined and Real [University of Crete, NLP Seminar].
- Lappin, S. (2024c). The Deep Learning Revolution in AI: Risks Real and Imagined, The 14th Scandinavian Conference on Artificial Intelligence (SCAI) [Jönköping University].
- Lappin, S. (2024d). Towards Smaller and More Transparent Deep Learning Models, AI, Economy, and Societal Impact [Chalmers University of Science].

Conference Presentations, Non-archival Contributions and Others

- Lappin, S. (2024a). Understanding the AI Revolution: Risks Imagined and Real [Public Lecture Series, October 29, School of Electronic Engineering and Computer Science, Queen Mary University of London]. <https://youtu.be/JXE6FAlkXaY?si=mgPg4ljJwpEZGbg>
- Lappin, S. (2024b). Understanding the AI Revolution: The Roots of the Deep Learning Transformation [Public Lecture Series, October 15, School of Electronic Engineering and Computer Science, Queen Mary University of London]. <https://youtu.be/UkhsVYnd7oA?si=WP5e53u4ORqANiEI>

Lappin, S. (2024c). Understanding the AI Revolution:: Towards a Rational Public Policy on AI [Public Lecture Series, November 12, School of Electronic Engineering and Computer Science, Queen Mary University of London]. <https://youtu.be/zjorOpHO3DA?si=eLi9gxqT17Q7bjh6>

◦ Staffan Larsson

Refereed Papers in Proceedings

- Ek, A., Noble, B., Chatzikyriakidis, S., Cooper, R., Dobnik, S., Gregoromichelaki, E., Howes, C., Larsson, S., Maraev, V., Mills, G., & Wijnholds, G. (2024). I hea- umm think that's what they say: A Dataset of Inferences from Natural Language Dialogues. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Full Papers*.
- Larsson, S., Myrendal, J., & Noble, B. (2024). Not Just Semantics: Word Meaning Negotiation in Social Media and Spoken Interaction. In A. Qiu, B. Noble, D. Pagmar, V. Maraev, & N. Ilinykh (Eds.), *Proceedings of the 2024 CLASP Conference on Multimodality and Interaction in Language Learning* (pp. 56–61). Association for Computational Linguistics.

Conference Presentations, Non-archival Contributions and Others

- Larsson, S. (2024a). Pre-generative conversational ai. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue*.
- Larsson, S. (2024b). Pre-generative conversational ai in talkamatic studio. *Swedish Workshop on Conversational AI*.
- Larsson, S. (2024c). Pre-generative conversational ai, or how i learned to stop worrying and use llms. *Swedish Language Technology Conference (SLTC) 2024*.
- Larsson, S., Berman, A., & Hjelm, D. (2024). Towards negotiative dialogue for the talkamatic dialogue manager. *arXiv preprint arXiv:2407.02917*.
- Laszlo, B., Larsson, S., & Sayeed, A. (2024). Using llms to generate training data for dialogue system nlus. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Poster Abstracts*. http://semdial.org/anthology/Z24-Laszlo_semdial_0017.pdf
- Maraev, V., Berman, A., & Larsson, S. (2024). *SISU: Statecharts meet Information State Update approach* [Presentation at Swedish Workshop on Conversational AI].

External grants

- Not Just Semantics: Word Meaning Negotiation in Social Media and Spoken Interaction (Swedish Research Council, PI)

Other research activities

- Editorial board Journal of Dialogue and Discourse
- Editorial board Journal of Logic and Computation
- Committee for International Postdoc, Swedish Research Council
- Committee for PhD thesis, Technical University of Trondheim
- Committee for PhD thesis, Department of Swedish, Multilingualism, Language Technology, GU
- Area chair for SigDial, 2024
- Refereeing for Journal of Dialogue and Discourse

- Refereeing for journal LiLT, Linguistic Issues in Language Technology
- Refereeing for COLM (Conference On Language Modeling) 2024
- Refereeing for journal Transactions on Human-Robot Interaction
- Refereeing for SemDial (Workshop on the Semantics and Pragmatics of Dialogue), 2024
- Refereeing for Swedish Language Technology Conference 2024
- Refereeing for CLASP conference 2024

◦ Sharid Loáiciga

Refereed Papers in Proceedings

- Coto-Solano, R., Kim, T. W., Jones, A., & Loáiciga, S. (2024). Multilingual models for ASR in Chibchan languages. *Proceedings of the North American Chapter of the Association for Computational Linguistics*. <https://doi.org/10.18653/v1/2024.naacl-long.471>
- Hong, X., Loáiciga, S., & Sayeed, A. (2024). A surprisal oracle for when every layer counts. In t. tbd tbd & t. tbd tbd (Eds.), *Proceedings of the BabyLM Challenge at the 28th Conference on Computational Natural Language Learning (CoNLL)* (pp. 000–0000). Association for Computational Linguistics. <https://doi.org/tbd>

Edited Proceedings

- Mesgar, M., & Loáiciga, S. (Eds.). (2024). *Proceedings of the 18th Conference of the European Chapter of the Association for Computational Linguistics: Tutorial Abstracts*. Association for Computational Linguistics. <https://aclanthology.org/2024.eacl-tutorials.0>
- Strube, M., Braud, C., Hardmeier, C., Li, J. J., Loáiciga, S., Zeldes, A., & Li, C. (Eds.). (2024). *Proceedings of the 5th Workshop on Computational Approaches to Discourse (CODI 2024)*. Association for Computational Linguistics. <https://aclanthology.org/2024.codi-1.0>

Conference Presentations, Non-archival Contributions, and Others

- Ilinykh, N., & Loáiciga, S. (2024a). *How can multimodality be leveraged for coreference resolution?* [Talk at Dagstuhl Perspectives Workshop 24492 "Human in the Loop: Learning through Grounded Interaction in Games"].
- Ilinykh, N., & Loáiciga, S. (2024b). *How do images help coreference? a case study on the multimodal tell-me-more dataset* [Paper presentation at Swedish Language Technology Conference (SLTC) 2024]. <https://sltc2024.github.io/abstracts/ilinykh.pdf>

◦ Vladislav Maraev

Refereed Papers in Proceedings

- Ek, A., Noble, B., Chatzikyriakidis, S., Cooper, R., Dobnik, S., Gregoromichelaki, E., Howes, C., Larsson, S., Maraev, V., Mills, G., & Wijnholds, G. (2024). I hea- umm think that's what they say: A Dataset of Inferences from Natural Language Dialogues. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Full Papers*.
- Giannitzi, E., Maraev, V., & Howes, C. (2024). Reacting to the last laugh: Probing non-humorous laughter with Furhat robot. *Laughter and Other Non-Verbal Vocalisations Workshop*. https://www.christinehowes.com/papers/Giannitzi.etal_LW_2024.pdf

Edited Proceedings

Qiu, A., Noble, B., Pagmar, D., Maraev, V., & Ilinykh, N. (Eds.). (2024). *Proceedings of the 2024 clasp conference on multimodality and interaction in language learning*. Association for Computational Linguistics. <https://aclanthology.org/2024.clasp-1.0/>

Conference Presentations, Non-archival Contributions, and Others

Amido, S., Maraev, V., & Howes, C. (2024). “no, you listen!” a pilot experiment into escalation devices in confrontational conversation. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Poster Abstracts*. http://semdial.org/anthology/Z24-Amido_semdial_0026.pdf

Giannitzi, E., Maraev, V., & Howes, C. Large Language Models and Laughter: Is it Still the Best Medicine? In: In *International society for humor studies conference*. 2024. https://www.christinehowes.com/papers/Giannitzi.etal_ISHS_2024.pdf

Howes, C., Breitholtz, E., & Maraev, V. No laughing matter: Creating and interpreting emotions through interaction. In: In *Conference of the international society for research on emotion*. 2024. https://www.christinehowes.com/papers/Howes.etal_ISRE_2024.pdf

Howes, C., Breitholtz, E., & Maraev, V. (2024b). Only joking: Exploiting mismatches in topoi [Colloquium on language, interaction, and the world (in association with Vidya Somashekarappa’s PhD defence) – invited talk].

Maraev, V., Berman, A., & Larsson, S. (2024). *SISU: Statecharts meet Information State Update approach* [Presentation at Swedish Workshop on Conversational AI].

Qiu, A. H., Howes, C., & Maraev, V. Metaphoricity, deliberateness, and conversation behaviours: A case study of behavioral patterns in the use of linguistic metaphors. In: In *Highlights in the language sciences conference*. 2024. https://www.christinehowes.com/papers/HanQiu.etal_HILS2024.pdf

o Bill Noble

Refereed Papers in Proceedings

Ek, A., Noble, B., Chatzikyriakidis, S., Cooper, R., Dobnik, S., Gregoromichelaki, E., Howes, C., Larsson, S., Maraev, V., Mills, G., & Wijnholds, G. (2024). I hea- umm think that’s what they say: A Dataset of Inferences from Natural Language Dialogues. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue - Full Papers*.

Larsson, S., Myrendal, J., & Noble, B. (2024). Not Just Semantics: Word Meaning Negotiation in Social Media and Spoken Interaction. In A. Qiu, B. Noble, D. Pagmar, V. Maraev, & N. Ilinykh (Eds.), *Proceedings of the 2024 CLASP Conference on Multimodality and Interaction in Language Learning* (pp. 56–61). Association for Computational Linguistics.

Edited Proceedings

Qiu, A., Noble, B., Pagmar, D., Maraev, V., & Ilinykh, N. (Eds.). (2024). *Proceedings of the 2024 clasp conference on multimodality and interaction in language learning*. Association for Computational Linguistics. <https://aclanthology.org/2024.clasp-1.0/>

o David Pagmar

Books

Pagmar, D. (2024). *Barenet och språket*. Ordfront förlag.

Edited collections

Pagmar, D. (2024). Barnets 1000 vägar till språket. In Y. Mårtens (Ed.). Ordfront förlag.

Conference Presentations, Non-archival Contributions and Others

Pagmar, D., & Sayeed, A. Contextual resolution of quantifier scope ambiguities. In: Stockholm, Sweden: Swedish Cognitive Science Society, 2024.

Pagmar, D., & Sayeed, A. Every quantifier scope ambiguity has a context. In: Trento, Italy: SEM-DIAL, 2024.

Edited Proceedings

Qiu, A., Noble, B., Pagmar, D., Maraev, V., & Ilinykh, N. (Eds.). (2024). *Proceedings of the 2024 clasp conference on multimodality and interaction in language learning*. Association for Computational Linguistics. <https://aclanthology.org/2024.clasp-1.0/>

◦ Asad Sayeed

Refereed Journal Papers

Lindgren, E., Rönnerstrand, B., Rettenegger, G., Breitholtz, E., Cooper, R., & Sayeed, A. (2024). Coded Appeals and Political Gains: Exploring the Impact of Racial Dogwhistles on Political Support. *Journalism and Mass Communication Quarterly*.

Sayeed, A., Breitholtz, E., Cooper, R., Lindgren, E., Rettenegger, G., & Rönnerstrand, B. (2024). The utility of (political) dogwhistles — a life cycle perspective. *Journal of Language and Politics*.

Refereed Papers in Proceedings

Boholm, M., Rönnerstrand, B., Breitholtz, E., Cooper, R., Lindgren, E., Rettenegger, G., & Sayeed, A. (2024). Can political dogwhistles be predicted by distributional methods for analysis of lexical semantic change? In N. Tahmasebi, S. Montariol, A. Kutuzov, D. Alfter, F. Periti, P. Cassotti, & N. Huebscher (Eds.), *Proceedings of the 5th Workshop on Computational Approaches to Historical Language Change* (pp. 144–157). Association for Computational Linguistics. <https://doi.org/10.18653/v1/2024.lchange-1.14>

Hong, X., Loáiciga, S., & Sayeed, A. (2024). A surprisal oracle for when every layer counts. In t. tbd tbd & t. tbd tbd (Eds.), *Proceedings of the BabyLM Challenge at the 28th Conference on Computational Natural Language Learning (CoNLL)* (pp. 000–0000). Association for Computational Linguistics. <https://doi.org/tbd>

Hong, X., Sayeed, A., & Demberg, V. (2024). Summary of the Visually Grounded Story Generation Challenge. In S. Mille & M.-A. Clinciu (Eds.), *Proceedings of the 17th International Natural Language Generation Conference: Generation Challenges* (pp. 39–46). Association for Computational Linguistics. <https://aclanthology.org/2024.inlg-genchal.3/>

Somashekarappa, V., Howes, C., & Sayeed, A. (2024). Good looking: How gaze patterns affect users’ perceptions of an interactive social robot. *2024 IEEE International Conference on Advanced Robotics and Its Social Impacts (ARSO)*, 128–133.

Conference Presentations, Non-archival Contributions and Others

- Boholm, M., Sayeed, A., Cooper, R., Lindgren, E., Breitholtz, E., & Rönnerstrand, B. Dogwhistles and Change in Political Meaning: Democratic Discourse in Sweden. In: *Annual meeting of the American Political Science Association*. Philadelphia, USA, 2024.
- Pagmar, D., & Sayeed, A. Contextual resolution of quantifier scope ambiguities. In: Stockholm, Sweden: Swedish Cognitive Science Society, 2024.
- Pagmar, D., & Sayeed, A. Every quantifier scope ambiguity has a context. In: Trento, Italy: SEM-DIAL, 2024.
- Sayeed, A. (2024). Political Facilitation or Manipulation? Positive Aspects of AI Involvement in Public Discourse, workshop at WASP-HS AI for Society and Humanity 2024.

Invited Talks

- *Concealed Meaning: The Dynamics of Political Dogwhistles*, University of Maryland, College Park, December 2024.

◦ Vidya Somashekarappa

Doctoral Thesis

- Somashekarappa, V. (2024). *Look on my thesis, ye mighty: Gaze interaction and social robotics* [Doctoral dissertation, Department of Philosophy, Linguistics and Theory of Science, University of Gothenburg].

Refereed Papers in Proceedings

- Somashekarappa, V., Howes, C., & Sayeed, A. (2024). Good looking: How gaze patterns affect users' perceptions of an interactive social robot. *2024 IEEE International Conference on Advanced Robotics and Its Social Impacts (ARSO)*, 128–133.

Conference Presentations, Non-archival Contributions and Others

- Somashekarappa, V. (2024a). AI: En större förståelse för mänsklig ordlös kommunikation skulle kunna förbättra robotars inlärning. det visar en ny avhandling i datalingsvistik vid göteborgs universitet [Press Release, Kvalitetsmagasinet, April].
- Somashekarappa, V. (2024b). Blicken är viktig när robotar kommunicerar med människor [Press Release, IT Kanalen, April].
- Somashekarappa, V. (2024c). Robotars ögonrörelser och skratt i fokus i ny gu-forskning [Press Release, Voister, April].
- Somashekarappa, V., & Howes, C. (2024). Influence of robot-gaze aversion on human-behavioral dynamics and perceptual cognition. *Proceedings of the 28th Workshop on the Semantics and Pragmatics of Dialogue*.