

EMNLP 2022

**The 2022 Conference on Empirical Methods in Natural
Language Processing**

Proceedings of the Conference

December 7-11, 2022

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Association for Computational Linguistics (ACL)
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Tel: +1-855-225-1962
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Message from the General Chair

I am delighted to welcome you to EMNLP 2022! I believe this conference has been complicated beyond any precedent. Over the past year, it's been thrilling to see the organization team approach each new puzzle with creativity and enthusiasm. We hope that those participating in Abu Dhabi as well as those joining remotely will leave the conference feeling newly inspired by the program and newly connected to our ever-growing community. Following EMNLP 2021 and major NLP conferences since, EMNLP 2022 is “hybrid,” serving both virtual and in-person participants.

Our key innovations for EMNLP 2022 include:

- EMNLP 2022 is “hybrid” in a second sense, as well: we allowed both direct and rolling review paper submissions, building on the pilot experiment of EMNLP 2021, which considered a small number of ARR submissions.
- Familiar from NAACL but new to EMNLP, we've added an industry track.
- During the conference, “portals” will link virtual poster sessions to in-person conference participants during poster sessions each day.
- The first *ACL-family conference in the United Arab Emirates.

My sincere thanks go to all the members of our organization team; here I list by name the leaders but recognize with gratitude that they represent a much larger population of volunteers who have made EMNLP 2022 possible.

- The program chairs — Yoav Goldberg, Zornitsa Kozareva, and Yue Zhang — who made the bold decision to take the training wheels off of rolling review, making their jobs much harder but taking an important step for the community.
- The senior area chairs, area chairs, and reviewers whose collective work improved not only the papers in the EMNLP 2022 proceedings and findings volumes, but also papers to appear in future venues.
- The diversity and inclusion chairs — Meriem Beloucif, Thamar Solorio and Andreas Vlachos — who were tireless advocates for the inclusive culture our conference aspires to.
- The demonstration chairs — Wanxiang Che and Ekaterina Shutova — who selected an exciting set of demos to enliven the program.
- The workshop chairs — Asli Celikyilmaz and Daniel Hershcovich — who shepherded a diverse collection of satellite events to complement the main conference.
- The tutorial chairs — Samhaa R. El-Beltagy and Xipeng Qiu — who curated an exciting set of tutorials for the benefit of attendees.
- The publications chairs — Ryan Cotterell, Steffen Eger, and Sam Wiseman — who not only ensured a legacy of high-quality artifacts for EMNLP 2022, but also continued to improve the tools and workflow to serve future meetings.
- The student volunteer chairs — Houda Bouamor (who is also thanked for her role on the local team and chairing WANLP), Hanan AIDarmaki, and Ashutosh Modi — who brought exceptional enthusiasm to recruiting and organizing the student volunteer team.
- The student volunteers themselves, who are critical to the success of our mostly volunteer-run conference.

- The virtual infrastructure chairs — Wassim El Hajj and Hao Fang — who worked to ensure that the virtual experience will be as smooth and engaging as possible.
- In a new position, the poster session chair — Jordan Boyd-Graber — has pushed us to improve the virtual experience and make it more unified with the in-person one.
- The industry track chairs — Angeliki Lazaridou and Yunyao Li — who brought EMNLP our first industry track and set the bar high for the future.
- The ethics chairs — Lea Frermann and Margot Mieskes — who oversaw the important task of ethical review.
- The publicity chairs — Eunsol Choi and Wajdi Zaghouni — and website chairs — Zhaochun Ren and Fajie Yuan — who kept our community abreast of important developments as our plans for the conference unfolded.
- The reviewer mentoring chairs — David Mimno and Yanyan Lan — who worked to help initiate newcomers to our peer review processes.
- The sponsorship chairs — Mingxuan Wang and Imed Zitouni — who worked alongside ACL’s sponsorship director Chris Callison-Burch to ensure that the conference was in a strong fiscal position.
- Last but not least, the local team, led by Nizar Habash, whose tireless efforts would warrant a *1,001 Nights* literary treatment if not for confidentiality concerns, and who deserves the deepest gratitude of the community and a very long vacation. The local NLP community, both officially on the local committee and not, including Eric Xing, Tim Baldwin, Bashar Alhafni, Go Inoue, and many more, deserve our thanks as well.

I also want to express special thanks to Priscilla Rasmussen and Jenn Rachford of the ACL business office for their endless guidance and attention to detail on all aspects of organizing this huge event. In Abu Dhabi, Thembi Kuchena (ADNEC) and Zenab Mohamed (DCT) were instrumental from the initial bid and throughout the process. The Underline team, led by Damira Mršić, was immensely helpful in keeping us on schedule, and in many other ways.

Finally, thanks to our sponsors, without whom this conference would not be possible:

Supporting partner: Abu Dhabi Convention and Exhibition Bureau.

Diamond sponsors: Amazon, Apple, Bloomberg, Google, Meta, Mohamed bin Zayed University of Artificial Intelligence, and New York University Abu Dhabi.

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Diversity and Inclusion Champions: Google, Microsoft and New York University Abu Dhabi. ACL SIGDAT has also contributed to supporting scholarships for attending the conference.

Noah A. Smith
 University of Washington and Allen Institute for AI, Seattle, Washington, USA
 EMNLP 2022 General Chair

Message from the Program Chairs

Welcome to EMNLP 2022, which is one of the most-attended conferences in the field of natural language processing, held in “hybrid” mode this year serving both virtual and in-person participants in Abu Dhabi!

Submission and Acceptance EMNLP 2022 received 4190 full paper submissions, the largest number to date. This number includes 275 ARR papers that were committed to EMNLP (see further discussion of ARR below). 225 papers were desk rejected for various reasons (missing limitation section, anonymity policy, multiple submission policy or formatting violations), leaving us with 3965 submissions that were fully reviewed. Despite the record-breaking number of submissions, based on the reviewers, area chairs and senior area chair comments, we kept the EMNLP 2022 acceptance rate similar to previous events, and accepted **829** papers to the main conference. Out of these, 175 are oral presentations and 654 poster presentations. Similarly to prior years, we also accepted 549 papers for “Findings of EMNLP”. The EMNLP 2022 program also features 39 papers from the Transactions of the Association for Computational Linguistics (TACL) and Computational Linguistics (CL) journals. More statistics on the accepted papers can be found below.

	Long	Short	Total
Submitted (Including ARR commits)	3242	948	4190
Accepted as Oral	163	12	175
Accepted as Poster	552	102	654
Acceptance Rate (main conference)	22%	12%	20%
Accepted to Findings	453	96	549
Acceptance Rate (Findings)	14%	10%	13%
Presented TACL papers	–	–	27
Presented CL papers	–	–	12

Limitations Section One innovation of EMNLP 2022 is the requirement that each submitted paper must include an explicitly named Limitations section, discussing the limitations of the work. This discussion does not count towards the page limit, and we asked reviewers to not use the mentioned limitations as reasons to reject the paper, unless there is a really good reason to. The effect was overall positive: most papers included a limitations section, and many of them were informative. We hope to see this requirement continue in the future conferences.

Tracks To ensure a smooth process, the submissions to EMNLP 2022 were divided into 26 tracks. The tracks mostly followed these of previous EMNLP conferences, reflecting the “standard” divisions in the field. We did however make the following changes: the “Machine Translation and Multilinguality” track was split into two separate tracks (“Machine Translation” and “Multilinguality”); the “Syntax: Tagging, Chunking and Parsing” track was renamed to “Syntax, Parsing and their Applications”; and we added 4 additional tracks, reflecting upcoming trends in the research landscape: Commonsense Reasoning; Language Models and Analysis of Language Models; Efficient Methods for NLP; and Semi-supervised and Weakly-supervised Methods. Finally, we also solicited papers for a “Theme Track”, discussing Open questions, major obstacles, and unresolved issues in NLP. Of the 26 tracks, the Resources and Evaluation, NLP Applications, Machine Learning for NLP, Dialogue and Interactive Systems, Language Modeling and Analysis of Language Models, Speech, Vision, Robotics, Multimodal Grounding and Information Extraction tracks were the most popular with over 200 submissions per track.

Program committee structure & reviewing Similar to prior NLP conferences, we adopted the hierarchical program committee structure, where for each area we invited between 1 to 5 Senior Area Chairs

(SACs), who worked with a team of Area Chairs (ACs), and an army of reviewers. We relied on statistics from prior years to estimate how many SACs, ACs and reviewers will be needed and ended up with 70 SACs and 297 ACs. For the reviewers, we used the reviewer lists from prior EMNLP conferences, solicited volunteer reviewers, and also invited all EMNLP 2022 authors to serve as reviewers. To this end, we attempted to recruit the most competent and matching reviewers by making a Google Form in reviewer recruitment, which was publicized through different channels and is linked to the author information page for all the submission authors to fill. We then provided the resulting information to the program committee for making reviewer assignments. This resulted in a reviewer pool of 4647 reviewers, of which 3828 reviewers were assigned at least one paper to review. For each submission, we assigned three reviewers and an AC. The initial paper assignment was made using an automatic algorithm that matches the abstracts with ACs/reviewers' past publication records, then the assignments were further refined by the SACs/PCs. We tried to avoid the Toronto matching score which had its limitations. In the end, most reviewers were assigned less than 6 papers, with a few reviewers working on 10 assignments and a large number of reviewers working on 1 assignment only. In the Google Form, we also asked whether the reviewer will volunteer for emergency review, which turned out to be very useful. We adapted the review forms from NAACL 2022, and ACL 2022 and EMNLP 2021. Besides the overall recommendation, reviewers were asked to evaluate how reproducible the results in the paper were, and whether there was any ethical concern. To ensure the review quality, we provided detailed guidelines about what reviewers should and shouldn't do in a review. We made final decisions according to the rankings and SAC recommendations. Our final decisions were made not just on the review scores, but also took into account the reviews, author responses, discussions among reviewers, meta-reviews and SAC/AC recommendations.

Ethics committee We also formed an Ethics Committee (EC) dedicated to ethical issues. After the technical reviews, but before the author-response and discussion phases, the ethics committee considered 150 papers that were flagged by the technical reviewing committee for ethical concerns. The two EC chairs went over the papers, to determine whether a full EC review would be required. As a result, 22 papers received two dedicated ethics reviews from a committee of 41 reviewers recruited by the EC chairs. An additional 22 papers raised one or more recurring issues (e.g., no information on annotator payment), which did not require a full ethics review, but were raised to the authors by the EC chairs. For any paper that was recommended to be accepted based on technical reviews and that had been referred to the EC, the EC chairs recommended one of the following to the PC chairs: (a) accept with comments (authors should take concerns raised in the ethical review into account in the camera-ready version; 29 papers); (b) conditionally accept (the ethical issues must be addressed in the camera-ready version, to be verified by the EC prior to final acceptance; 15 papers); and (c) reject due to ethical issues (0 papers). The authors of all conditionally accepted papers submitted the camera-ready version and a short response that explained how they had made the changes requested by the EC meta-reviews. The EC chairs double-checked these revised submissions and responses, and confirmed that the ethical concerns had been addressed. As a result, all conditionally accepted papers were accepted to the main conference or Findings. The EC chairs thank their committee for the excellent work.

ACL Rolling Review ACL Rolling Review (ARR) is an initiative of the Association for Computational Linguistics, where the reviewing and acceptance of papers to publication venues are done in a two-step process: (1) centralized rolling review and (2) the ability to commit the reviewed papers to be considered for publication by a publication venue. For EMNLP 2022, we decided to run a process which is separate from ARR, but allows for ARR submissions. Specifically, authors could either submit papers to EMNLP 2022 directly, or commit ARR reviewed papers by a certain date. We coordinated with the ARR team to extract the submission, review and meta-review from the OpenReview system, according to a submission link that the author provides when committing their ARR submission to EMNLP. The ARR commission deadline was set one month after the direct submission deadline since the ARR submissions already have their reviews and meta-recommendation. These ARR papers were then ranked by the SACs of the given tracks, together with the direct submissions in the track, and based on the reviews and meta-reviews

from ARR. Overall, EMNLP had 275 papers committed from ARR, of these 97 were accepted to the main conference and 73 were accepted to Findings of EMNLP.

Best paper selection Based on the nominations from SACs and ACs, we identified 11 candidates for the best papers and outstanding papers award. These papers are assessed by the Best Paper Award Committee. The award winners will be announced and present their works at the closing ceremony.

Presentation Mode We attempted the decision for oral vs poster presentations not to be made based on the quality/merit of the papers, but rather on the authors' interest in the presentation mode, and our understanding of what would be the best format for presentation of each individual paper.

Keynote talks Another highlight of our program is the three exciting keynote talks, presented by prof. Gary Marcus, NYU (Emeritus) on "Towards a Foundation for AGI"; prof. Neil Cohn, Tilburg University, Department of Communication and Cognition on "The multimodal language faculty and the visual languages of comics" & Dr. Mona Diab from Meta Responsible AI on "Towards a Responsible NLP: Walking the walk".

Gratitude We would like to thank the following people for their support & contributions:

- Our General Chair, Noah Smith, who led the whole organizing team, and helped with many of the decision processes;
- 70 SACs who helped us throughout the entire review process, from assigning papers, checking review quality, making final recommendation, suggesting presentation formats to recommending best paper candidates;
- 297 ACs who checked the initial submissions, led paper discussions, wrote meta reviews, ensured review quality and suggested best paper candidates;
- 3828 reviewers who reviewed the papers and actively participated in paper discussions; special thanks to those who stepped in at the last minute to serve as emergency reviewers;
- Reviewing Mentoring Chairs, David Mimno and Yanyan Lan and the team of mentors they recruited, for mentoring new reviewers.
- 36 Ethics Committee members, chaired by Lea Frermann and Margot Mieskes, for their hard work to provide ethical reviews and meta-reviews for all papers with serious ethical issues, and ensure that all the conditionally accepted papers have addressed the ethical issues appropriately;
- Best Paper Award Committee: Claire Cardie, Ellen Riloff, Hal Daume III, Rada Mihalcea, Raymond Mooney and Preslav Nakov for selecting the best papers;
- Jordan Boyd-Graber, the Virtual Posters chair, for organizing and managing the virtual poster sessions.
- Publication Chairs Ryan Cotterell, Steffen Eger and Sam Wiseman for completing the final proceedings within a short period;
- ACL Anthology Director Matt Post and his team, for his help in the production of the conference proceedings and maintenance of the ACL Anthology;
- TACL editor-in-chief Brian Roark and TACL Editorial Assistant Cindy Robinson, and CL Editor-in-Chief Hwee Tou Ng for coordinating TACL and CL presentations with us;

- The ARR team for their continued effort in running ARR, and for coordination with us. Particular thanks to Harold Rubio and Goran Glavas for multiple rounds of technical help in extracting data from the ARR OpenReview system.
- Rich Gerber at SoftConf, for setting up EMNLP 2022 conference site and quickly responding to our emails and resolving any issues we encountered with the START system;
- Website chairs Fajie Yuan and Zhaochun Ren and their team for continued effort in prompt updates to the website.
- Publicity chairs Eunsol Choi and Wajdi Zaghoulani for publicizing the conference and handling communications on social media.
- Sol Rosenberg, Damira Mršić and the whole Underline team, for helping to manage the logistics of both the virtual and online conference.
- Jenn Rachford and Priscilla Rasmussen for their professional and very valuable help in organizing the logistics of the conference.
- Nizar Habash and the rest of the Local Organizing Committee, for various discussions on organizing EMNLP, and making the local arrangements.
- 11854 authors for submitting their work to EMNLP 2022.

We hope that you will enjoy this year's program and hybrid conference!

Yoav Goldberg, Bar Ilan University and Allen Institute for AI
Zornitsa Kozareva, SliceX AI
Yue Zhang, Westlake University
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SAC Dialogue and Interactive Systems

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Jason Williams, Apple

SAC Discourse and Pragmatics

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SAC Efficient Methods for NLP

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SAC Natural Language Generation

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Kang Liu, Institute of Automation, Chinese Academy of Sciences

SAC Information Retrieval and Text Mining

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SAC Interpretability, Interactivity and Analysis of Models for NLP

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Ana Marasovic, University of Utah

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SAC Linguistic Theories, Cognitive Modeling and Psycholinguistics

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SAC Machine Learning for NLP

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Zhiyuan Liu, Tsinghua University
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SAC Question Answering

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SAC Resources and Evaluation

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Filip Ginter, University of Turku

SAC Semantics: Lexical, Sentence level, Textual Inference and Other areas

Linfeng Song, Tencent AI Lab
Miguel Ballesteros, AWS AI Labs
Yi Zhang, AWS AI Labs
Jackie Chi Kit Cheung, Mila / McGill University
Bernd Bohnet, Google Research

SAC Sentiment Analysis, Stylistic Analysis, and Argument Mining

Eric Cambria, Nanyang Technological University
Meishan Zhang, Harbin Institute of Technology (Shenzhen), China

SAC Speech, Vision, Robotics, Multimodal Grounding

Jesse Thomason, USC
Yonatan Bisk, CMU
Reut Tsarfaty, Bar-Ilan University

SAC Summarization

Xiaojun Wan, Peking University
Horacio Saggion, Universitat Pompeu Fabra
Lu Wang, University of Michigan
Fei Liu, University of Central Florida

SAC Syntax, Parsing and their Applications

Slav Petrov, Google
Xavier Carreras, dMetrics

SAC Commonsense Reasoning

German Rigau, University of the Basque Country
Xiang Ren, University of Southern California

SAC Language Modeling and Analysis of Language Models

Luke Zettlemoyer, University of Washington and Meta
Colin Raffel, UNC Chapel Hill and Hugging Face
Kenthon Lee, Google Research

SAC Unsupervised and Weakly-Supervised Methods in NLP

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Mihai Surdeanu, University of Arizona

SAC Theme Track

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Jonathan May, Information Sciences Institute University of Southern California

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Speech, Vision, Robotics, Multimodal Grounding (manager)

Reut Tsarfaty, Bar-Ilan University

Theme Track

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Aida Mostafazadeh Davani, University of Southern California
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Ethics

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Unsupervised and Weakly-Supervised Methods in NLP

Hanan Aldarmaki, United Arab Emirates University
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Junxian He, Shanghai Jiao Tong University
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NLP Applications

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Sentiment Analysis, Stylistic Analysis, and Argument Mining

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Iti Chaturvedi, James Cook University
Hao Fei, National University of Singapore
Guohong Fu, Soochow University
Ivan Habernal, Technische Universität Darmstadt
Yang Li, Northwestern Polytechnical University
Rui Mao, Nanyang Technological University
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Rui Xia, Nanjing University of Science and Technology
Ruifeng Xu, Harbin Institute of Technology, Shenzhen
Linyi Yang, Westlake University
Yanyan Zhao, Harbin Institute of Technology

Multilinguality

Antonios Anastasopoulos, George Mason University
Kalika Bali, Microsoft Research Labs
Vishrav Chaudhary, Microsoft
Colin Cherry, Google
Marta R. Costa-jussà, Meta AI
Josep Crego, SYSTRAN
Angela Fan, Facebook AI Research
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Shruti Rijhwani, Carnegie Mellon University
Rico Sennrich, University of Zurich

Interpretability, Interactivity and Analysis of Models for NLP

Leila Arras, Fraunhofer Heinrich Hertz Institute
Jasmijn Bastings, Google
Oana-Maria Camburu, University College London
Oana Cocarascu, King's College London
Yanai Elazar, AI2, UW

Sebastian Gehrmann, Google Research
Mor Geva, Allen Institute for AI
Peter Hase, University of North Carolina at Chapel Hill
Ishan Jindal, IBM Research
Carolin Lawrence, NEC Laboratories Europe
Piyawat Lertvittayakumjorn, Google
Zhouhan Lin, Shanghai Jiao Tong University
Yufang Liu, East China Normal University
Danish Pruthi, Amazon
Abhilasha Ravichander, Carnegie Mellon University
Naomi Saphra, New York University
Elena Voita, University of Edinburgh
Byron Wallace, Northeastern University
Sarah Wiegrefe, Georgia Institute of Technology
Linyi Yang, Westlake University

Commonsense Reasoning

Gorka Azkune, University of Basque Country
Chandra Bhagavatula, Allen Institute for AI
Antoine Bosselut, EPFL
Muhao Chen, USC
Filip Ilievski, USC Information Sciences Institute
Xiang Lorraine Li, University of Massachusetts Amherst
Vered Shwartz, University of British Columbia
Yangqiu Song, HKUST

Semantics: Lexical, Sentence level, Textual Inference and Other areas

Xuefeng Bai, Zhejiang University; Westlake University
Yassine Benajiba, AWS AI Labs
Dhivya Chinnappa, Thomson Reuters
Marco Damonte, Amazon
Li Dong, Microsoft Research
Zhijiang Guo, University of Cambridge
Lifeng Jin, Tencent AI Lab
Ishan Jindal, IBM Research
Mirella Lapata, School of Informatics, University of Edinburgh
Jey Han Lau, The University of Melbourne
Xiang Lorraine Li, University of Massachusetts Amherst
Yijia Liu, Bytedance Inc.
Xuezhe Ma, Information Sciences Institute
Yogarshi Vyas, AWS AI Labs
Yile Wang, Zhejiang University, Westlake University
Shuohang Wang, Microsoft
Xiaodan Zhu, Queen's University

Lexical, Sentence level, Textual Inference and Other areas

Xuefeng Bai, Zhejiang University; Westlake University
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Dhivya Chinnappa, Thomson Reuters
Marco Damonte, Amazon
Li Dong, Microsoft Research
Zhijiang Guo, University of Cambridge
Lifeng Jin, Tencent AI Lab
Ishan Jindal, IBM Research
Mirella Lapata, School of Informatics, University of Edinburgh
Jey Han Lau, The University of Melbourne
Xiang Lorraine Li, University of Massachusetts Amherst
Yijia Liu, Bytedance Inc.
Xuezhe Ma, Information Sciences Institute
Yogarshi Vyas, AWS AI Labs
Yile Wang, Zhejiang University, Westlake University
Shuohang Wang, Microsoft
Xiaodan Zhu, Queen's University

Question Answering

Riza Batista-Navarro, Department of Computer Science, The University of Manchester
Jordan Boyd-Graber, University of Maryland
Wenhu Chen, University of Waterloo & Google Research
Bhavana Dalvi Mishra, Allen Institute for Artificial Intelligence
Matt Gardner, Microsoft
Mohit Iyyer, University of Massachusetts Amherst
Daniel Khashabi, Johns Hopkins University
Jinhyuk Lee, Korea University
Patrick Lewis, Facebook AI Research, University College London
Xiang Lorraine Li, University of Massachusetts Amherst
Yi Luan, Google
Siva Reddy, McGill University
Minjoon Seo, KAIST
Pontus Stenetorp, University College London
Saku Sugawara, National Institute of Informatics
Kristina Toutanova, Google Research
Mark Yatskar, University of Pennsylvania

Phonology, Morphology and Word Segmentation

Claudia Borg, University of Malta
Yeyun Gong, Microsoft Research Asia
Zhouhan Lin, Shanghai Jiao Tong University
David R. Mortensen, Language Technologies Institute, Carnegie Mellon University
Ekaterina Vylomova, University of Melbourne

Summarization

Florian Boudin, Université de Nantes
Luis Chiruzzo, Universidad de la República
Yue Dong, McGill University
Michael Elhadad, Ben Gurion University
Shashi Narayan, Google

Manabu Okumura, Tokyo Institute of Technology
Jessica Ouyang, University of Texas at Dallas
Maxime Peyrard, EPFL
Caiming Xiong, Salesforce
Rui Zhang, Penn State University

Computational Social Science and Cultural Analytics

Davide Buscaldi, LIPN, Université Paris 13
Elena Cabrio, Université Côte d’Azur, Inria, CNRS, I3S
Tanmoy Chakraborty, IIT Delhi
Liviu P. Dinu, University of Bucharest
Anjalie Field, Stanford University
David Jurgens, University of Michigan
Els Lefever, LT3, Ghent University
Aida Mostafazadeh Davani, University of Southern California
Viviana Patti, University of Turin, Dipartimento di Informatica
Laure Thompson, University of Massachusetts Amherst
Justine Zhang, University of Michigan

Language Modeling and Analysis of Language Models

Daniel Cer, Google Research; University of California at Berkeley
Kevin Clark, Google
Li Dong, Microsoft Research
Kelvin Guu, Google
Mandar Joshi, Google
Tao Lei, Google Research
Mike Lewis, Facebook AI Research
Tao Li, Google Research
Hao Peng, Allen Institute for AI
Matthew Peters, Allen Institute for Artificial Intelligence
Timo Schick, Meta AI
Minjoon Seo, KAIST
Swabha Swayamdipta, University of Southern California
Samia Touileb, University of Bergen
Qifan Wang, Meta AI
Chunting Zhou, Meta AI

Information Extraction

Ming-Wei Chang, Google Research
Kai-Wei Chang, UCLA
Wenliang Chen, Soochow University
Hao Cheng, Microsoft Research
Doug Downey, Allen Institute for AI, Northwestern University
Greg Durrett, UT Austin
Yansong Feng, Peking University
Dayne Freitag, SRI International
Tao Gui, fudan university
Hannaneh Hajishirzi, University of Washington

Xianpei Han, Institute of Software, Chinese Academy of Sciences
Ruihong Huang, Texas A&M University
Robin Jia, University of Southern California
Ishan Jindal, IBM Research
Yankai Lin, Gaoling School of Artificial Intelligence, Renmin University of China
Marius Pasca, Google
Nanyun Peng, University of California, Los Angeles
Veselin Stoyanov, Facebook
Qifan Wang, Meta AI
Wei Wei, Huazhong University of Science and Technology
Jie Yang, Zhejiang University
Sheng Zhang, Microsoft Research

Machine Translation

Boxing Chen, Huawei
Yun Chen, Shanghai University of Finance and Economics
Yong Cheng, Google
Josep Crego, SYSTRAN
Yvette Graham, ADAPT, Trinity College Dublin
Jiatao Gu, Apple MLR
Shujian Huang, National Key Laboratory for Novel Software Technology, Nanjing University
Lemao Liu, Tencent AI Lab
Xuebo Liu, Harbin Institute of Technology, Shenzhen
Yijia Liu, Bytedance Inc.
Haitao Mi, Tencent America
Katsuhito Sudoh, Nara Institute of Science and Technology (NAIST)
Gongbo Tang, Beijing Language and Culture University; Uppsala University
Antonio Toral, University of Groningen
Rui Wang, Shanghai Jiao Tong University
Tong Xiao, Northeastern University
Baosong Yang, Alibaba Damo Academy, Alibaba Inc.

Syntax, Parsing and their Applications

Ryan Cotterell, ETH Zürich
Carlos Gómez-Rodríguez, Universidade da Coruña
Yufang Liu, East China Normal University
Karl Stratos, Rutgers University

Dialogue and Interactive Systems

Leyang Cui, Zhejiang University, Westlake University
Song Feng, AWS AI Labs
Michel Galley, Microsoft Research
Milica Gasic, Heinrich Heine University Duesseldorf
Kallirroi Georgila, University of Southern California Institute for Creative Technologies
Dilek Hakkani-Tur, Amazon Alexa AI
Xiaodong He, JD AI Research
Yanran Li, The Hong Kong Polytechnic University
Zheng-Yu Niu, Baidu Inc.

Zhijian Ou, Department of Electronic Engineering, Tsinghua University
Pearl Pu, EPFL
Libo Qin, Harbin Institute of Technology
Xiaojun Quan, School of Computer Science and Engineering, Sun Yat-sen University
Ruihua Song, Renmin University
Rui Yan, Renmin University of China
Kai Yu, Shanghai Jiao Tong University
Wei-Nan Zhang, Harbin Institute of Technology

Machine Learning for NLP

Li Dong, Microsoft Research
Samira Ebrahimi Kahou, École de technologie supérieure
Orhan Firat, Google AI
George Foster, Google
Kokil Jaidka, National University of Singapore
Yangfeng Ji, University of Virginia
Hidetaka Kamigaito, Nara Institute of Science and Technology
Reno Kriz, Human Language Technology Center of Excellence at Johns Hopkins University
Yanyan Lan, Tsinghua University
Zhouhan Lin, Shanghai Jiao Tong University
Xiaodong Liu, Microsoft Research
Pengfei Liu, Carnegie Mellon University
Bang Liu, University of Montreal
Hongyuan Mei, Toyota Technological Institute at Chicago
Makoto Miwa, Toyota Technological Institute
Xipeng Qiu, Fudan University
Masashi Shimbo, Chiba Institute of Technology/Riken AIP
Sho Takase, LINE Corporation
Jian Tang, Montreal Institute for Learning Algorithms
Xin Wang, University of California, Santa Cruz
Lingfei Wu, JD.COM Silicon Valley Research Center

Linguistic Theories, Cognitive Modeling and Psycholinguistics

Allyson Ettinger, University of Chicago
Kyle Mahowald, University of Texas at Austin
Sandro Pezzelle, University of Amsterdam
Marten van Schijndel, Cornell University
Aaron White, University of Rochester
Adina Williams, Meta Platforms, Inc.

Natural Language Generation

Xiaocheng Feng, Harbin Institute of Technology, SCIR lab
Orhan Firat, Google AI
Tatsunori Hashimoto, Stanford
Baotian Hu, Harbin Institute of Technology, Shenzhen
Ioannis Konstas, Heriot-Watt University
Mirella Lapata, School of Informatics, University of Edinburgh
Aida Mostafazadeh Davani, University of Southern California

Lili Mou, University of Alberta
Hannah Rashkin, Google Research
João Sedoc, New York University
Jinsong Su, Xiamen university
Zhiliang Tian, National University of Defense Technology
Zhilin Yang, Carnegie Mellon University
Yizhe Zhang, Apple

Discourse and Pragmatics

Annemarie Friedrich, Bosch Center for Artificial Intelligence
Shafiq Joty, Nanyang Technological University; Salesforce AI Research
Min-Yen Kan, National University of Singapore
Sujian Li, pku.edu.cn
Sharid Loáiciga, University of Gothenburg
Amir Zeldes, Georgetown University

Efficient Methods for NLP

Junxian He, Shanghai Jiao Tong University
Lei Li, University of California Santa Barbara
Tao Li, Google Research
Bang Liu, University of Montreal
Jonathan Mamou, Intel Labs
Nafise Sadat Moosavi, Department of Computer Science, The University of Sheffield
Oren Pereg, Emergent AI Lab, Intel Labs
Andreas Rücklé, Amazon
Emma Strubell, Carnegie Mellon University
Moshe Wasserblat, Senior Researcher
Wenhan Xiong, Meta Platforms
Ziyu Yao, George Mason University
Mo Yu, IBM Research

Reviewers

Ayana .

Ahmet Üstün, Erion Çano, Zdeněk Žabokrtský

Salah Ait-Mokhtar, Amirhossein Abaskohi, Asad Abdi, Jamal Abdul Nasir, Muhammad Abdul-Mageed, Kaori Abe, Anne Abeille, Tushar Abhishek, Prince Aboagye, Ibrahim Abu Farha, Sallam Abualhaija, Abdalghani Abujabal, Barada Acharya, Lars Ackermann, Jakub Adamek, Virginia Adams, Gilles Adda, Angus Addlesee, Heike Adel, David Adelani, Tosin Adewumi, Jiban Adhikary, Suman Adhya, Somak Aditya, Vaibhav Adlakha, Ankur Agarwal, Sachin Agarwal, Sumeet Agarwal, Rodrigo Agerri, Arshiya Aggarwal, Karan Aggarwal, Željko Agić, Guy Aglionby, Aishwarya Agrawal, Ameeta Agrawal, Sweta Agrawal, Roei Aharoni, Wasi Ahmad, Saba Ahmadi, Natalie Ahn, Kabir Ahuja, Xi Ai, Ankit Aich, Akiko Aizawa, Aswathy Ajith, Reina Akama, Md. Shad Akhtar, Syed Sarfaraz Akhtar, Nader Akoury, Burak Aksar, Ibrahim Taha Aksu, Arjun Akula, Ekin Akyurek, Hend Al-Khalifa, Hussein Al-Olimat, Badr AlKhamissi, Firoj Alam, Mehwish Alam, Dyaa Albakour, Alon Albalak, Chris Alberti, Hanan Aldarmaki, Vasiliy Alekseev, David Alfter, Israa Alghanmi, Bashar Alhafni, Abdulaziz Alhamadani, Tariq Alhindi, Hamed Alhoori,

Hassan Alhuzali, Mohammad Aliannejadi, Afra Alishahi, Maxime Allard, Alexandre Allauzen, Emily Allaway, Tiago Almeida, Khalid Alnajjar, Laura Alonso Alemany, Abdullah Alrajeh, Sultan Alrowili, Emily Alsentzer, Milad Alshomary, Malik Altakrori, Maha J. Althobaiti, Fernando Alva-Manchego, Rami Aly, Chiara Alzetta, Bharat Ram Ambati, Maxime Amblard, Enrique Amigo, Afra Amini, Shahin Amiriparian, Reinald Kim Amplayo, Chantal Amrhein, Guozhen An, Haozhe An, Jie An, Jisun An, Juyoung An, Vishal Anand, Rafael Anchiêta, Jacob Andreas, Nicholas Andrews, Anietie Andy, Beng Heng Ang, Neha Anna John, João António Rodrigues, Diego Antognini, Maria Antoniak, Kaveri Anuranjana, Xiang Ao, Erik Arakelyan, Jun Araki, Rahul Aralikkatte, Eiji Aramaki, Yuki Arase, Matheus Araujo, John Arevalo, Arturo Argueta, Mozhdeh Ariannezhad, Ebru Arisoy, William Armstrong, Hiba Arnaout, Akhil Arora, Gaurav Arora, Kushal Arora, Piyush Arora, Siddhant Arora, Ekaterina Artemova, Anjana Arunkumar, Akari Asai, Elliott Ash, Nicholas Asher, Md.Sadek Hossain Asif, John Atkinson-Abutridy, Yash Kumar Atri, Giuseppe Attardi, Katherine Atwell, Lauriane Aufrant, Tal August, Abhijeet Awasthi, Parul Awasthy, Vera Axelrod, Hammad Ayyubi, Amar Prakash Azad, Hosein Azarbondyad, Wilker Aziz, Matthias Aßenmacher

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Sky CH-Wang, Avi Caciularu, Samuel Cahyawijaya, Deng Cai, Renqin Cai, Xiangrui Cai, Xuanting Cai, Zefeng Cai, Ruken Cakici, Agostina Calabrese, Mary Elaine Califf, Iacer Calixto, Chris Callison-Burch, Jesus Calvillo, Jose Camacho-Collados, Giovanni Campagna, Cesare Campagnano, Leonardo Campillos-Llanos, Niccolò Campolungo, Jon Ander Campos, M Abdullah Canbaz, Nicola Cancedda, Jiarun Cao, Juan Cao, Kris Cao, Lei Cao, Pengfei Cao, Qingqing Cao, Rui Cao,

Shuyang Cao, Yanan Cao, Yang Trista Cao, Yixin Cao, Yixuan Cao, Yuan Cao, Ziqiang Cao, Cornelia Caragea, Dallas Card, Cristian Cardellino, Rémi Cardon, Boaz Carmeli, Ruben Cartuyvels, Flavio Carvalho, Fabio Casati, Giovanni Cassani, Pierluigi Cassotti, Sheila Castilho, Thiago Castro Ferreira, Arie Cattan, Paulo Cavalin, Asli Celikyilmaz, Dumitru-Clementin Cercel, Christophe Cerisara, Mauro Cettolo, Arun Tejasvi Chaganty, Haixia Chai, Junyi Chai, Yekun Chai, Soumen Chakrabarti, Tuhin Chakrabarty, Mohna Chakraborty, Yllias Chali, Ilias Chalkidis, Jon Chamberlain, Nathanael Chambers, Alvin Chan, Chi-Min Chan, Chunkit Chan, Hou Pong Chan, Zhangming Chan, Anshuma Chandak, . Chandrahas, Senthil Chandramohan, Khyathi Raghavi Chandu, Baobao Chang, Buru Chang, Haw-Shiuan Chang, Jonathan P. Chang, Shuaichen Chang, Ting-Yun Chang, Tyler Chang, Yingshan Chang, Yu-Yun Chang, Yung-Chun Chang, Tai Chang-You, Jean Charbonnier, Anis Charfi, Kushal Chawla, Chao Che, Ciprian Chelba, Emmanuel Chemla, Bei Chen, Berlin Chen, Bowen Chen, Can Chen, Chung-Chi Chen, Derek Chen, Dongsheng Chen, Francine Chen, Fuxiang Chen, Guanhua Chen, Guanhua Chen, Guanliang Chen, Guanyi Chen, Hanjie Chen, Howard Chen, Hsin-Hsi Chen, Hui Chen, Huimin Chen, Huiyuan Chen, Hung-Ting Chen, Jia Chen, Jiajia Chen, Jiangjie Chen, Jianshu Chen, Jiaoyan Chen, Jiaze Chen, Jie Chen, Jinghong Chen, Jingye Chen, Junfan Chen, Junjie Chen, Junyang Chen, Kehai Chen, Lei Chen, Lihu Chen, Lin Chen, Linqing Chen, Long Chen, Long Chen, Lu Chen, Luoxin Chen, Maximilian Chen, Meng Chen, Mingda Chen, Nuo Chen, Pei Chen, Qian Chen, Qiang Chen, Qianglong Chen, Qin Chen, Qingcai Chen, Ruey-Cheng Chen, Shizhe Chen, Shuang Chen, Si Chen, Sihao Chen, Tao Chen, Tianlong Chen, Tongfei Chen, Weize Chen, Wenqing Chen, Xiang Chen, Xiaojun Chen, Xiaoli Chen, Xilun Chen, Xingran Chen, Xinhong Chen, Xiuyi Chen, Xiuying Chen, Yangbin Chen, Yangyi Chen, Yanping Chen, Yen-Chun Chen, Yiran Chen, Yiwen Chen, Yongjun Chen, Yu Chen, Yubo Chen, Yubo Chen, Yue Chen, Yulin Chen, Yulong Chen, Yunmo Chen, Zhijun Chen, Zhiyu Chen, Zhuang Chen, Daixuan Cheng, Fei Cheng, Gong Cheng, Jiayang Cheng, Liying Cheng, Lu Cheng, Pengxiang Cheng, Qinyuan Cheng, Shanbo Cheng, Sijie Cheng, Xin Cheng, Zhi-Qi Cheng, Zifeng Cheng, Artem Chernodub, Emmanuele Chersoni, Dafeng Chi, Jianfeng Chi, Zewen Chi, Cheng-Han Chiang, David Chiang, Jen-Tzung Chien, Hai Leong Chieu, Hyojin Chin, Nadezhda Chirkova, Luis Chiruzzo, Billy Chiu, Hyunchang Cho, Hyundong Cho, Hyunsoo Cho, Jaemin Cho, Sangwoo Cho, Won Ik Cho, Byung-Ju Choi, Daejin Choi, Jihun Choi, Seungtaek Choi, Kostadin Cholakov, Jaegul Choo, Leshem Choshen, Prafulla Kumar Choubey, Monojit Choudhury, Ashish Chouhan, Md Faisal Mahbub Chowdhury, Shammur Absar Chowdhury, Lukas Christ, Fenia Christopoulou, Grzegorz Chrupała, George Chrysostomou, Zhendong Chu, Hsiu-Min Chuang, Yung-Sung Chuang, Jin-Woo Chung, Yi-Ling Chung, Kenneth Church, Abu Nowshed Chy, Andre Cianflone, Mark Cieliebak, Manuel Ciosici, Jorge Civera Saiz, Alexander Clark, Christopher Clark, Elizabeth Clark, Christopher Clarke, Ann Clifton, Miruna Clinciu, Jordan Clive, Maximin Coavoux, Marcus Collins, Michael Collins, Pedro Colon-Hernandez, Costanza Conforti, Simone Conia, Mathieu Constant, Asa Cooper Stickland, Anna Corazza, Francesco Corcoglioniti, João Cordeiro, Gonçalo Correia, Caio Corro, Benoit Crabbé, Alina Maria Cristea, Danilo Croce, Fabien Cromieres, Berthold Crysmann, Róbert Csordás, Montse Cuadros, Ganqu Cui, Haotian Cui, Hengbin Cui, Lei Cui, Wanyun Cui, Oscar M. Cumbicus-Pineda, Rossana Cunha, Washington Cunha, Anna Currey, Tonya Custis

Jeff Da, Raj Dabre, Gautier Dagan, Deborah Dahl, Daniel Dahlmeier, Damai Dai, Wenliang Dai, Xiang Dai, Xinyu Dai, Yimeng Dai, Yinpei Dai, Yong Dai, Daniel Dakota, Fahim Dalvi, Rumien Dangovski, Verna Dankers, Kareem Darwish, Franck Dary, Ayan Das, Dipanjan Das, Sarkar Snigdha Sarathi Das, Shouman Das, Souvik Das, Mithun Das Gupta, Siddhartha Datta, Vidas Daudaravicius, Sam Davidson, Brian Davis, Forrest Davis, Heidar Davoudi, Maxime De Bruyn, Aniello De Santo, Steve DeNeefe, Jay DeYoung, Alok Debnath, Herve Dejean, Daiga Deksne, Luciano Del Corro, Felice Dell'Orletta, Vera Demberg, David Demeter, Cagatay Demiralp, Dina Demner-Fushman, Jiawen Deng, Lingjia Deng, Mingkai Deng, Shijian Deng, Shumin Deng, Yang Deng, Yu Deng, Yue Deng, Yuntian Deng, Pascal Denis, Michael Denkowski, Tejaswini Deoskar,

Jan Deriu, Ameet Deshpande, Daniel Deutsch, Sunipa Dev, Premkumar Devanbu, Murthy Devarakonda, Chris Devellder, Hannah Devinney, Kuntal Dey, Suvodip Dey, Prajit Dhar, Shehzaad Dhuliawala, Zonglin Di, Luigi Di Caro, Luca Di Liello, Giorgio Maria Di Nunzio, Shizhe Diao, Brian Dillon, Bosheng Ding, Caiwen Ding, Chenchen Ding, Haibo Ding, Haoran Ding, Keyang Ding, Liang Ding, Ming Ding, Ning Ding, Wentao Ding, Zeyuan Ding, Peter Dirix, Kalpit Dixit, Lucas Dixon, Nemanja Djuric, Dmitriy Dligach, Quyet V. Do, A. Seza Dođruöz, Tobias Domhan, Miguel Domingo, Lucia Donatelli, Bin Dong, Chenhe Dong, Haoyu Dong, Mengxing Dong, Ming Dong, Minghui Dong, Qianqian Dong, Qingxiu Dong, Tiansi Dong, Xiangjue Dong, Xin Dong, Zhe Dong, Ehsan Doostmohammadi, Bonaventure F. P. Dossou, Dejing Dou, Longxu Dou, Zi-Yi Dou, Antoine Doucet, Sarah Dreier, Rotem Dror, Andrew Drozdov, Jiangnan Du, Lan Du, Li Du, Li Du, Mengnan Du, Pan Du, Wanyu Du, Wenchao Du, Xinya Du, Yangkai Du, Ye Du, Yulun Du, Yupei Du, Brian DuSell, Ondřej Dušek, Chaoqun Duan, Hanyu Duan, Jiali Duan, Junwen Duan, Xiangyu Duan, Kumar Dubey, Pablo Duboue, Philipp Dufter, Nicolau Duran-Silva, Nadir Durrani, Sourav Dutta, Tomasz Dwojak, Gaël de Chalendar, Cyprien de Lichy, Cyprien de Masson d'Autume, Renato de Mori, Éric de la Clergerie, Colin de la Higuera, Maria Pia di Buono

Haihong E, Sebastian Ebert, Hiroshi Echizen'ya, Lukas Edman, Daniel Edmiston, Avia Efrat, Steffen Eger, Bryan Eikema, Liat Ein-Dor, Jacob Eisenstein, Ismail El Maarouf, Yassir El Mesbahi, Samhaa R. El-Beltagy, Mai ElSherief, Fatma Elsafoury, Saman Enayati, Philipp Ennen, Pierre Erbacher, Aykut Erdem, Erkut Erdem, Alexander Erdmann, Akiko Eriguchi, Katrin Erk, Patrick Ernst, Carlos Escolano, Kaveh Eskandari Miandoab, Ramy Eskander, Cristina España-Bonet, Thierry Etchegoyhen, Mathias Etcheverry, Kawin Ethayarajh, Allyson Ettinger, Kenneth Ezukwoke

Michael Färber, Alex Fabbri, Marzieh Fadaee, Fahim Faisal, Mauro Falcone, Agnieszka Falenska, Tobias Falke, James Fan, Jungwei Fan, Run-Ze Fan, Yadan Fan, Yao-Chung Fan, Yimin Fan, Yixing Fan, Yue Fan, Biaoyan Fang, Liri Fang, Qingkai Fang, Tianqing Fang, Wei Fang, Yihao Fang, Yimai Fang, Yuwei Fang, Zheng Fang, Hossein Fani, Parsa Farinneya, Mireia Farrús, Nawshad Farruque, Mehwish Fatima, Adam Faulkner, Pedro Faustini, Amir Feder, Marc Feger, Yuejiao Fei, Nils Feldhus, Mariano Felice, Katy Felkner, Jiazhan Feng, Junlan Feng, Lingyun Feng, Steven Y. Feng, Xiachong Feng, Xiaocheng Feng, Zhangyin Feng, Daniel Fernández-González, Eraldo Fernandes, Paulo Fernandes, Nigel Fernandez, Elisa Ferracane, Rafael Ferreira, Elisabetta Fersini, Besnik Fetahu, Alejandro Figueroa, Matthew Finlayson, Orhan Firat, Mauajama Firdaus, Mark Fishel, Jack FitzGerald, Margaret Fleck, Michael Flor, Antske Fokkens, José A. R. Fonollosa, Thomas François, Anette Frank, Robert Frank, Dayne Freitag, Lea Frermann, Victor Fresno, Daniel Fried, Dan Friedman, Jason Fries, Haomin Fu, Jie Fu, Lisheng Fu, Tsu-Jui Fu, Xingyu Fu, Xiyan Fu, Yao Fu, Zihao Fu, Yoshinari Fujinuma, Fumiyo Fukumoto, Kotaro Funakoshi

Tunga Güngör, Kata Gábor, Ramiro H. Gálvez, Matteo Gabburo, Saadia Gabriel, Yacine Gaci, Marco Gaido, Byron Galbraith, Olivier Galibert, Lukas Galke, Matthias Gallé, Yujian Gan, Sudeep Gandhe, Nupoor Gandhi, Ashwinkumar Ganesan, Balaji Ganesan, Ananya Ganesh, Govind Gangadhar, Varun Gangal, Debasis Ganguly, William Gantt, Chang Gao, Chongyang Gao, Cuiyun Gao, Feng Gao, Ge Gao, Hang Gao, Hongyang Gao, Jiahui Gao, Jun Gao, Lingyu Gao, Mingfei Gao, Shangqian Gao, Shen Gao, SongYang Gao, Tianyu Gao, Yang Gao, Yingbo Gao, Yiqi Gao, Aina Garí Soler, Utpal Garain, Lukasz Garncarek, Nicolas Garneau, Dan Garrette, Guillermo Garrido, Judith Gaspers, Susan Gauch, Eric Gaussier, Dipesh Gautam, Ranxiang Ge, Suyu Ge, Yubin Ge, Zhaocheng Ge, Michaela Geierhos, Spandana Gella, Ruiying Geng, Xiubo Geng, Kallirroi Georgila, Ariel Gera, Kim Gerdes, Felix Gervits, Marjan Ghazvininejad, Mozhdeh Gheini, Deepanway Ghosal, Tirthankar Ghosal, Sayan Ghosh, Sayontan Ghosh, Sourav Ghosh, Sucheta Ghosh, Lee Gillam, Filip Ginter, Mario Giulianelli, Goran Glavaš, Max Glockner, Ameya Godbole, Nathan Godey, Randy Goebel, Pranav Goel, Pranav Goel, Vaibhava Goel, Koldo Gojenola,

Tejas Gokhale, Jonas Golde, Seraphina Goldfarb-Tarrant, Dan Goldwasser, Sujatha Das Gollapalli, Olga Golovneva, Luís Gomes, Jose Manuel Gomez-Perez, Teresa Gonçalves, Marcos Goncalves, Chen Gong, Heng Gong, Hongyu Gong, Itziar Gonzalez-Dios, Cesar Gonzalez-Gutierrez, Karthik Gopalakrishnan, Geethi Gopinathan Nair, Philip John Gorinski, Koustava Goswami, Sourabh Gothe, Isao Goto, Antoine Gourru, Edward Gow-Smith, Thamme Gowda, Amit Goyal, Kartik Goyal, Naman Goyal, Navita Goyal, Pawan Goyal, Tanya Goyal, Tamás Grósz, Damien Graux, Christophe Gravier, Thomas Green, Shai Gretz, Yulia Grishina, Alvin Grissom II, Milan Gritta, Adam Grycner, Alex Gu, Jia-Chen Gu, Jing Gu, Shuhao Gu, Weiwei Gu, Xiaodong Gu, Yue Gu, Yuxian Gu, Yuxuan Gu, Jian Guan, Saiping Guan, Xinyu Guan, Zhengqing Guan, Nicolas Guerin, Adrien Guille, Kalpa Gunaratna, Beliz Gunel, Biyang Guo, Fengyu Guo, Han Guo, Honglei Guo, Jiang Guo, Jiaqi Guo, Junliang Guo, Kunpeng Guo, Meiqi Guo, Qipeng Guo, Ruocheng Guo, Ruohao Guo, Shu Guo, Wenya Guo, Xin Guo, Yinpeng Guo, Yue Guo, Abhirut Gupta, Akshat Gupta, Amulya Gupta, Anchit Gupta, Ankit Gupta, Ankita Gupta, Ashim Gupta, Deepak Gupta, Jai Gupta, Nitish Gupta, Prakhar Gupta, Rishabh Gupta, Shashank Gupta, Sonu Gupta, Sparsh Gupta, Suchin Gururangan, Ximena Gutierrez-Vasques, Jeremy Gwinnup

Shachi H Kumar, Ali Hürriyetoğlu, Jung-Woo Ha, Le An Ha, Ivan Habernal, Christian Hadiwinto, Michael Hahn, Udo Hahn, Zhen Hai, Hossein Hajipour, Huda Hakami, Dilek Hakkani-Tur, Kishaloy Halder, Karina Halevy, Omama Hamad, Felix Hamborg, Michael Hammond, Thierry Hamon, Hojae Han, Hongwei Han, Lifeng Han, Rujun Han, Ting Han, Ting Han, Wenjuan Han, Xiaochuang Han, Xiaoqi Han, Xu Han, Xudong Han, Xue Han, Yo-Sub Han, Zhen Han, Emily Hand, Abram Handler, Chung-Wei Hang, Anran Hao, Chuzhan Hao, Jie Hao, Junheng Hao, Yongchang Hao, David Harbecke, Momchil Hardalov, Christian Hardmeier, Daniel Hardt, Hardy Hardy, Hamza Harkous, Mareike Hartmann, Thomas Hartvigsen, Sadid A. Hasan, Maram Hasanain, Peter Hase, Chikara Hashimoto, Md. Mahadi Hassan, Sabit Hassan, Claudia Hauff, William Havard, Katsuhiko Hayashi, Yoshihiko Hayashi, Devamanyu Hazarika, Bin He, Hao He, Jacqueline He, Junxian He, Kai He, Keqing He, Ruifang He, Taiqi He, Tianxing He, Wei He, Xiaoting He, Xingwei He, Xuanli He, Xuehai He, Yifan He, Yun He, Yuxin He, Zexue He, Marti A. Hearst, Behnam Hedayatnia, Michael Hedderich, Kevin Heffernan, Benjamin Heinzerling, Chadi Helwe, Ricardo Henao, Leonhard Hennig, Stella Heras, Christian Herold, Jonathan Herzig, Jack Hessel, Christian Heumann, John Hewitt, Gerhard Heyer, Christopher Hidey, Derrick Higgins, Tsutomu Hirao, Vinh Thinh Ho, Lydia-Mai Ho-Dac, Cuong Hoang, Julia Hockenmaier, Johannes Hoffart, Nora Hollenstein, Ari Holtzman, Nils Holzenberger, Ukyo Honda, Giwon Hong, Jenny Hong, Youngki Hong, Yu Hong, Zhi Hong, Mark Hopkins, Ales Horak, Andrea Horbach, Yasuto Hoshi, Sho Hoshino, Tom Hosking, Mohammad Javad Hosseini, Pedram Hosseini, Saghar Hosseini, Lei Hou, Rui Hou, Wenjun Hou, Yifan Hou, Yutai Hou, Maël Houbre, Phillip Howard, Kristen Howell, Estevam Hruschka, Cheng-Ping Hsieh, Chao-Chun Hsu, Chun-Nan Hsu, I-Hung Hsu, Ohnmar Htun, Anwen Hu, Bojie Hu, Chuan Hu, Dou Hu, Guimin Hu, Hai Hu, Hailin Hu, Han Hu, Hexiang Hu, Jennifer Hu, Jinyi Hu, Mengting Hu, Minda Hu, Minghao Hu, Po Hu, Qinmin Vivian Hu, Shengding Hu, Songbo Hu, Wei Hu, Xiang Hu, Xiaodan Hu, Xinshuo Hu, Xuming Hu, Yibo Hu, Yifan Hu, Yushi Hu, Zhe Hu, Zhiyuan Hu, Hang Hua, Wenyue Hua, Xinyu Hua, Chao-Wei Huang, Chengyu Huang, Chenyang Huang, Chieh-Yang Huang, Chung-Chi Huang, Dandan Huang, Fei Huang, Guoping Huang, Hen-Hsen Huang, Jiaxin Huang, Jie Huang, Jimin Huang, Jimmy Huang, Jin-Xia Huang, Junjie Huang, Kuan-Hao Huang, Luyang Huang, Quzhe Huang, Rikui Huang, Weijing Huang, Wenyu Huang, Xuanjing Huang, Yi Huang, Yi-Ting Huang, Yinya Huang, Yongjie Huang, Youcheng Huang, Zhaoheng Huang, Zhiqi Huang, Luwen (Vivian) Huangfu, Patrick Huber, Matthias Huck, John Hudzina, Kai Hui, Chia-Chien Hung, Jena D. Hwang, Yewon Hwang, Dongmin Hyun

Ignacio Jacobacci, Muhammad Okky Ibrohim, Nancy Ide, Adrian Iftene, Ryu Iida, Gabriel Ilharco, Dmitry Ilvovsky, Ayyoob ImaniGooghari, Joseph Marvin Imperial, Mert Inan, Oana Inel,

Naoya Inoue, Radu Tudor Ionescu, Daphne Ippolito, Mohammad Sabik Irbaz, Kazuki Irie, Tatsuya Ishigaki, Etsuko Ishii, Tunazzina Islam, Hayate Iso, Abe Ittycheriah, Lubomir Ivanov, Tomoya Iwakura, Kenichi Iwatsuki, Srinivasan Iyer, Vivek Iyer, Mohit Iyyer, Peter Izsak

Jeff Jacobs, Abhyuday Jagannatha, Labiba Jahan, Parag Jain, Raghav Jain, Rishabh Jain, Sarthak Jain, Abhik Jana, Hyeju Jang, Joel Jang, Yoonna Jang, Sepehr Janghorbani, Maciej Janicki, Inigo Jauregi Unanue, Ganesh Jawahar, Sungho Jeon, Minwoo Jeong, Myeonho Jeong, YOUNG-SEOB Jeong, Younghoon Jeong, Prince Jha, Sneha Jha, Harsh Jhamtani, Haozhe Ji, Shaoxiong Ji, Wei Ji, Xiaowen Ji, Ziwei Ji, Zongcheng Ji, Qi Jia, Chao Jiang, Hao Jiang, Hongfei Jiang, Jing Jiang, Junfeng Jiang, Jun-Yu Jiang, Liwei Jiang, Ming Jiang, Minhao Jiang, Nan-Jiang Jiang, Tianyu Jiang, Xuhui Jiang, Yichen Jiang, Yong Jiang, Yuxin Jiang, Zhengbao Jiang, Zhihua Jiang, Zhuolin Jiang, Zhuoxuan Jiang, Feng Jianzhou, Cathy Jiao, Zhanming Jie, Bernal Jimenez Gutierrez, Hanqi Jin, Li Jin, Lisa Jin, Qiao Jin, Shuning Jin, Tao Jin, Woojeong Jin, Yiping Jin, Zhijing Jin, Zijian Jin, Baoyu Jing, Li Jing, Ya Jing, Hwiyeol Jo, Kristen Johnson, Kyle Johnson, Mark Johnson, Arnaud Joly, Erik Jones, Gareth Jones, Kenneth Joseph, Abhinav Joshi, Brihi Joshi, Nitish Joshi, Omkar Joshi, Suraj Joshi, Yiming Ju, Zeqian Ju, Jaap Jumelet, Jaehun Jung, Minjoon Jung, Myong Chol Jung, Taehee Jung, Mika Juuti, Prathyusha Jwalapuram

Vimal Kumar K, Arne Köhn, Sandra Kübler, Besim Kabashi, Jad Kabbara, Srikanth Doss Kadarundalagi Raghuram Doss, Kazuma Kadowaki, Tomoyuki Kajiwara, Mihir Kale, Katikapalli Subramanyam Kalyan, Ehsan Kamaloo, Nishant Kambhatla, Hidetaka Kamigaito, Olha Kaminska, Jaap Kamps, Min-Yen Kan, Lis Kanashiro Pereira, Kamil Kanclerz, Masahiro Kaneko, GiCheon Kang, Minki Kang, Diptesh Kanojia, Evangelos Kanoulas, Tapas Kanungo, Pavan Kapanipathi, Sudipta Kar, Pinar Karagoz, Giannis Karamanolakis, Siddharth Karamcheti, Payam Karisani, Shubhra Kanti Karmaker Santu, Sanjeev Kumar Karn, Marzena Karpinska, Jungo Kasai, Zdeněk Kasner, Nora Kassner, Alexander Kathan, Akihiko Kato, Yoav Katz, Simerjot Kaur, Daisuke Kawahara, Noriaki Kawamae, Amirhossein Kazemnejad, Pei Ke, Zixuan Ke, William Kearns, Akhil Kedia, Sedrick Scott Keh, Ruth Kempson, Brendan Kennedy, Santosh Kesiraju, Moniba Keymanesh, Lee Kezar, Salam Khalifa, Dinesh Khandelwal, Vivek Khetan, Ashiqur KhudaBukhsh, Mert Kilickaya, Bugeun Kim, Byung-Hak Kim, Chaehyeong Kim, Gangwoo Kim, Gyuwan Kim, Harksoo Kim, Hong Kook Kim, Hyounghun Kim, Hyunjae Kim, Hyunwoo Kim, Jaehyung Kim, Jin-Dong Kim, Joo-Kyung Kim, Joshua Y. Kim, Junbeom Kim, Junyeob Kim, Kang-Min Kim, Kangil Kim, Kyungho Kim, Minju Kim, Minsoo Kim, Najoung Kim, Taehwan Kim, Taewoon Kim, Yeachan Kim, Yekyung Kim, Young Jin Kim, Daiki Kimura, Tracy Holloway King, Svetlana Kiritchenko, Nikita Kitaev, Shun Kiyono, Christopher Klamm, Bennett Kleinberg, R. Alexander Knipper, Donghyeon Ko, Miyoung Ko, Youngjoong Ko, Goro Kobayashi, Thomas Kober, Elena Kochkina, Prashant Kodali, Svetla Koeva, Huan Yee Koh, Mare Koit, Noriyuki Kojima, Stanley Kok, Babu Rao Kashyap Kolipaka, Alexander Koller, Keshav Kolluru, Anton Kolonin, Mamoru Komachi, Rik Koncel-Kedziorski, Cunliang Kong, Lingkai Kong, Selcuk Kopru, Michaelis Korakakis, Mandy Korpusik, Ana Kotarcic, Fajri Koto, Alexander Kotov, Manolis Koubarakis, Vasiliki Kougia, Mahnaz Koupae, Olga Kovaleva, Venelin Kovatchev, Ivan Koychev, Elisa Kreiss, Ralf Krestel, Kalpesh Krishna, Satyapriya Krishna, Adit Krishnan, Nikhil Krishnaswamy, Canasai Kruengkrai, Udo Kruschwitz, Anna Kruspe, Andrei Kucharavy, Roland Kuhn, Seth Kulick, Adithya Kulkarni, Ashish Kulkarni, Atharva Kulkarni, Malhar Kulkarni, Mayank Kulkarni, Vivek Kulkarni, Devang Kulshreshtha, Saurabh Kulshreshtha, Ashutosh Kumar, Gokul Karthik Kumar, Harshit Kumar, Sachin Kumar, Sawan Kumar, Shankar Kumar, Shanu Kumar, Shivani Kumar, Anoop Kunchukuttan, Adhiguna Kuncoro, Tuhin Kundu, Hui-Chi Kuo, Tatsuki Kuribayashi, Elmurod Kuriyozov, Guy Kushilevitz, Andrey Kutuzov, Ilia Kuznetsov, Alice Kwak, Beong-woo Kwak, Heeyoung Kwak, Jin Myung Kwak, Aki Kyröläinen

Samuel Läubli, Gorka Labaka, Philippe Laban, Matthieu Labeau, Charlotte Laclau, Faisal La-

dhak, Katrien Laenen, Mathieu Lafourcade, Allison Lahnala, Cheng-I Lai, Shaopeng Lai, Viet Lai, Yi-An Lai, Yuxuan Lai, Veronika Laippala, Surafel M. Lakew, Kushal Lakhotia, Yash Kumar Lal, John P. Lalor, Tsz Kin Lam, Wai Lam, Matthew Lamm, Andrew Lampinen, Gerasimos Lampouras, Nur Lan, Hao Lang, Lukas Lange, Phillippe Langlais, Maurice Langner, Ni Lao, Mirrella Lapata, Ekaterina Lapshinova-Koltunski, Issam Laradji, Stefan Larson, Kornel Laskowski, Mark Last, Léo Laugier, Frances Adriana Laureano De Leon, Anne Lauscher, Alberto Lavelli, Alexandra Lavrentovich, Phong Le, Thai Le, Ronan Le Bras, Joseph Le Roux, Lynda Lechani, Bruce W. Lee, Chia-Hsuan Lee, Dong-Ho Lee, Donghun Lee, Dongkyu Lee, Fei-Tzin Lee, Haejun Lee, Hwanhee Lee, Hwaran Lee, Hyunju Lee, I-Ta Lee, Jae Sung Lee, Jeong Min Lee, Ji-Ung Lee, Jieh-Sheng Lee, Jihwa Lee, John Lee, Jongwuk Lee, Lung-Hao Lee, Mina Lee, Moontae Lee, Nayeon Lee, Sang-Woo Lee, Seolhwa Lee, WonKee Lee, Young-Suk Lee, Younghun Lee, Jie Lei, Wenqiang Lei, Gaël Lejeune, Arun Balajiee Lekshmi Narayanan, Alessandro Lenci, Yichong Leng, Yves Lepage, Michael Lepori, Leo Leppänen, Pietro Lesci, Gregor Leusch, Sarah Ita Levitan, Baoli Li, Bei Li, Belinda Z. Li, Bin Li, Bo Li, Bo Li, Bobo Li, Bryan Li, Chen Li, Cheng Li, Cheng Li, Chenliang Li, Chong Li, Chuang Li, Chunping Li, Congduan Li, Daniel Li, Dingcheng Li, Dongfang Li, Fei Li, Guanlin Li, Hao Li, Haochen Li, Haonan Li, Haoran Li, Haoran Li, Huayang Li, Irene Li, Jiacheng Li, Jiahuan Li, Jialu Li, Jianfeng Li, Jiapeng Li, Jiaqi Li, Jiakuan Li, Jiazhao Li, Jing Li, Jingye Li, Jinpeng Li, Jiye Li, Junhui Li, Junyi Li, Junyi Li, Junyi Jessy Li, Kan Li, Ke Li, Keyi Li, Lei Li, Li Erran Li, Lin Li, Linjie Li, Linyang Li, Liunian Harold Li, Margaret Li, Mingchen Li, Mingda Li, Mukai Li, Na Li, Pan Li, Peifeng Li, Peng Li, Peng Li, Piji Li, Qian Li, Qian Li, Qintong Li, Ru Li, Ruifan Li, Ruizhe Li, Sha Li, Shaobo Li, Sheng Li, Shengjie Li, Shimin Li, Shiyang Li, Shujun Li, Shuyang Li, Si Li, Siyan Li, Tao Li, Wei Li, Wei Li, Weikang Li, Weixian Li, Wenyan Li, Xiang Li, Xiang Li, Xiang Lisa Li, Xiangsheng Li, Xiaodong Li, Xiaonan Li, Ximing Li, Xin Li, Xinhang Li, Xintong Li, Xiujun Li, Yafu Li, Yangming Li, Yanran Li, Yanyang Li, Yanzeng Li, Yanzhou Li, Yazheng Li, Yifei Li, Ying Li, Yinghui Li, Yingjie Li, Yingya Li, Yitong Li, Yiwei Li, Yiyang Li, Yiyuan Li, Yizhi Li, Yu Li, Yuan Li, Yuan Li, Yuan-Fang Li, Yuanxi Li, Yuheng Li, Yuliang Li, Yuncong Li, Yunji Li, Yuntao Li, Zekun Li, Zhenghua Li, Zhenhao Li, Zhi Li, Zhi Li, Zhigen Li, Zhixing Li, Zhongli Li, Zhongyang Li, Zichao Li, Zijian Li, Zitong Li, Zongxi Li, Zuchao Li, Yixin Lian, Bin Liang, Chao-Chun Liang, Di Liang, Ping Liang, Shangsong Liang, Xinnian Liang, Yaobo Liang, Zhengzhong Liang, Zhicheng Liang, Hao Liao, Lizi Liao, Siyu Liao, Jindřich Libovický, Mohamed Lichouri, Constantine Lignos, Jungwoo Lim, Tomasz Limisiewicz, Bill Yuchen Lin, Chuan-Jie Lin, Guan-Yu Lin, Hongyu Lin, Kevin Lin, King Ip Lin, Li Lin, Nankai Lin, Qian Lin, Qika Lin, Shuai Lin, Ting-En Lin, Victoria Lin, Weizhe Lin, Wenye Lin, Xi Victoria Lin, Xinshi Lin, Yu-Hsiang Lin, Zeqi Lin, Zheng Lin, Zhenxi Lin, Zhiwei Lin, Zi Lin, Jeffrey Ling, Zhenhua Ling, Aldo Lipani, Diane Litman, Marina Litvak, Denis Litvinov, Alisa Liu, Ao Liu, Bang Liu, Bulou Liu, Chen Liu, Chi-Liang Liu, Dexi Liu, Emmy Liu, Fangyu Liu, Fei Liu, Fenglin Liu, Han Liu, Haokun Liu, Haotian Liu, Haoyan Liu, Hongtao Liu, Hui Liu, Hui Liu, Jiacheng Liu, Jiachi Liu, Jian Liu, Jiangming Liu, Jiawei Liu, Jinglin Liu, Lei Liu, Ling Liu, Linlin Liu, Linqing Liu, Meng Liu, Ming Liu, Nayu Liu, Peng Liu, Qian Liu, Qun Liu, Shuang Liu, Shuqi Liu, Siyang Liu, Song Liu, Tianyuan Liu, Tingwen Liu, Tong Liu, Wenqiang Liu, Xianggen Liu, Xiangyang Liu, Xiao Liu, Xiao Liu, Xiaoyuan Liu, Xin Liu, Yang Liu, Ye Liu, Yifan Liu, Yijia Liu, Yijin Liu, Yinhong Liu, Yixin Liu, Yizhu Liu, Yong Liu, Yongbin Liu, Yonghao Liu, Yongkang Liu, Zeming Liu, Zequn Liu, Zeyu Liu, Zhe Liu, Zhenghao Liu, Zhengzhong Liu, Zhijian Liu, Zitao Liu, Zuozhu Liu, Karen Livescu, Joan Llop, Hrafn Loftsson, Robert L Logan IV, Lajanugen Logeswaran, Pintu Lohar, Usha Lokala, Abhay Lokesh Kashyap, Nikhil Londhe, Shangbang Long, Yunfei Long, José Lopes, Lucelene Lopes, Henrique Lopes Cardoso, Ehsan Lotfi, Chao Lou, Jian-Guang Lou, Renze Lou, Natalia Loukachevitch, Ismini Lourentzou, Nicholas Lourie, Di Lu, Jianguo Lu, Jinliang Lu, Junru Lu, Peng Lu, Siyuan Lu, Ximing Lu, Xing Han Lu, Xuesong Lu, Yanbin Lu, Yaojie Lu, Yichao Lu, Yu Lu, Yu Lu, Yujie Lu, Ziyao Lu, Li Lucy, Haoran Luo, Jiaming Luo, Jiebo Luo, Ling Luo, Man Luo, Renqian Luo, Zhunchen Luo, Ziyang Luo, Shangwen Lv, Xin Lv, Chenyang

Lyu, Shengfei Lyu, Ziyu Lyu

Meryem M'hamdi, Luisa März, Mathias Müller, Thomas Müller, Max Müller-Eberstein, Congbo Ma, Da Ma, Danni Ma, Huifang Ma, Jing Ma, Kaixin Ma, Lin Ma, Longxuan Ma, Mingyu Derek Ma, Nianzu Ma, Ruotian Ma, Tengfei Ma, Wei-Yun Ma, Weizhi Ma, Xinyin Ma, Xutai Ma, Yixiao Ma, Zhanyu Ma, Zhixin Ma, Ziqiao Ma, Sean MacAvaney, Wolfgang Macherey, Jakub Macina, Joel Mackenzie, Aman Madaan, Mounica Maddela, Andrea Madotto, Andreas Madsen, Inbal Magar, Manuel Mager, Joy Mahapatra, Suchismit Mahapatra, Adyasha Maharana, Debanjan Mahata, Ayush Maheshwari, Kyle Mahowald, Shivangi Mahto, Bodhisattwa Prasad Majumder, Peter Makarov, Prodromos Malakasiotis, Sina Malakouti, Chaitanya Malaviya, Andreas Maletti, Ankur Mali, Jonathan Mallinson, Eric Malmi, Christopher Malon, Valentin Malykh, Raghuram Mandyam Annasamy, Pranav Maneriker, Lydia Manikonda, Andrei Manolache, Irene Manotas, Elman Mansimov, Ramesh Manuvinakurike, Emaad Manzoor, Jianguo Mao, Jiaxin Mao, Xian-Ling Mao, Xin Mao, Yuning Mao, Zhendong Mao, Zhiming Mao, Zhuoyuan Mao, Vladislav Maraev, Kelly Marchisio, Andreas Marfurt, Katerina Margatina, Katja Markert, Antonis Maronikolakis, Mirko Marras, Edison Marrese-Taylor, Héctor Martínez Alonso, Eugenio Martínez-Cámara, Bruno Martins, Pedro Henrique Martins, David Martins de Matos, Claudia Marzi, Laura Mascarell, Ditty Mathew, Sandeep Mathias, Puneet Mathur, Yuji Matsumoto, Takuya Matsuzaki, Austin Matthews, Yevgen Matuskevych, Nickil Maveli, Borislav Mavrin, Avner May, Amir Mazaheri, Sahisnu Mazumder, Alessandro Mazzei, Scott McCarley, R. Thomas McCoy, John P. McCrae, Jered McInerney, Bridget McInnes, Sara Meftah, Nikhil Mehta, Sanket Vaibhav Mehta, Clara Meister, Dheeraj Mekala, Julia Mendelsohn, Telmo Menezes, Chuan Meng, Fandong Meng, Yu Meng, Yuanliang Meng, Zaiqiao Meng, Zhao Meng, Mohsen Mesgar, Eleni Metheniti, Florian Metze, Francois Meyer, Yisong Miao, Antonio Valerio Miceli Barone, Timothee Mickus, Lesly Miculicich, Todor Mihaylov, Vladislav Mikhailov, Aristides Milios, John Miller, Timothy Miller, Do June Min, Hye-Jin Min, Sewon Min, So Yeon Min, Hideya Mino, SeyedAbolghasem Mirroshandel, Roshanak Mirzaee, Abhijit Mishra, Kshitij Mishra, Shubhanshu Mishra, Siddhartha Mishra, Swaroop Mishra, Dipendra Misra, Masato Mita, Margaret Mitchell, Mitch Mithun, Ashish Mittal, Yasuhide Miura, Yusuke Miyao, Daichi Mochihashi, Daniela Moctezuma, Ashutosh Modi, Hans Moen, Mahmoud Mohammadi, Muqeeth Mohammed, Behrang Mohit, Tasnim Mohiuddin, Michael Mohler, Farhad Mohsin, Diego Molla, Nicholas Monath, Sneha Mondal, Helena Moniz, Ali Montazer-alhaem, Sebastien Montella, Manuel Montes, Jihyung Moon, Lori Moon, Taesun Moon, Raymond Mooney, Jared Moore, Samraj Moorjani, Joss Moorkens, Nyalleng Moorosi, Mehrad Moradshahi, Steven Moran, Jose G. Moreno, Junichiro Mori, Véronique Moriceau, Gaku Morio, Makoto Morishita, Marius Mosbach, Aida Mostafazadeh Davani, Xiangyang Mou, Isabelle Moulinier, Ahmed Mourad, Diego Moussallem, Emily Mower Provost, Maximilian Mozes, Frank Mtumbuka, David Mueller, Shashank Mujumdar, Animesh Mukherjee, Rajdeep Mukherjee, Rohan Mukherjee, Siddhartha Mukherjee, Matthew Mulholland, Dhruv Mullick, Emir Munoz, Dragos Munteanu, Deepak Muralidharan, Kenton Murray, Karthik Murugadoss, Sung-Hyon Myaeng, Agnieszka Mykowiec-ka, Sheshera Mysore

Anandhavelu N, Aurélie Névéol, Seung-Hoon Na, Arijit Nag, Seema Nagar, Masaaki Nagata, Ajay Nagesh, Aakanksha Naik, Saeed Najafi, Tetsuji Nakagawa, Yuta Nakashima, Christoforos Nalmpantis, Sungjin Nam, Marcin Namysl, Abhilash Nandy, Diane Napolitano, Jason Naradowsky, Sharan Narasimhan, Anjali Narayan-Chen, Arun Narayanan, Usman Naseem, Md Nasir, Alexis Nasr, Vivi Nastase, Costanza Navarretta, Tapas Nayak, Mojtaba Nayyeri, Isar Nejadgholi, Aida Nematzadeh, Joshua Nemecek, Ani Nenkova, Guenter Neumann, Hwee Tou Ng, Raymond W. M. Ng, Cam Tu Nguyen, Dat Quoc Nguyen, Hoang Nguyen, Huy Nguyen, Kiet Nguyen, Minh Nguyen, Minh Van Nguyen, Nhung Nguyen, Thanh Tam Nguyen, Thien Nguyen, Trung Hieu Nguyen, Hoang-Quoc Nguyen-Son, Ansong Ni, Jianmo Ni, Pin Ni, Zhaoheng Ni, Massimo Nicosia, Binling Nie, Jian-Yun Nie, Ping Nie, Shaoliang Nie, Jan Niehues, Sofia Nikiforova, Alexander

Nikitin, Christina Niklaus, Giannis Nikolentzos, Iftitahu Nimah, Kosuke Nishida, Noriki Nishida, Masaaki Nishino, Toru Nishino, Guanglin Niu, Jingcheng Niu, Kun Niu, Tong Niu, Xing Niu, Yulei Niu, Joakim Nivre, Bill Noble, Cicero Nogueira dos Santos, Mariana Noguti, Tadashi Nomoto, Armineh Nourbakhsh, Damien Nouvel, Jekaterina Novikova, Debora Nozza

Alexander O'Connor, Joe O'Connor, Daisuke Oba, Stephen Obadinma, Jose Ochoa-Luna, Manolito Octaviano Jr., Yusuke Oda, Kemal Oflazer, Maciej Ogrodniczuk, Kelechi Ogueji, Shin Ah Oh, Panagiotis Agis Oikonomou Filandras, Atul Kr. Ojha, Naoaki Okazaki, Tsuyoshi Okita, Oleg Okun, Eda Okur, Amy Olex, Anaïs Ollagnier, Brian Ondov, Byung-Won Ong, Yasumasa Onoe, Juri Opitz, Abigail Oppong, Matan Orbach, Pedro Ortiz Suarez, Petya Osenova, Hiroki Ouchi, Nedjma Ousidhoum, Yawen Ouyang, Risako Owan, Kehinde Owwoeye, Hiroaki Ozaki

Deepak P, Laura Pérez-Mayos, Juan Antonio Pérez-Ortiz, Marc Pàmies, Maria Leonor Pacheco, Inkit Padhi, Ankur Padia, Lluís Padró, Artidoro Pagnoni, Liu Pai, Chris Pal, Kuntal Kumar Pal, Vaishali Pal, Shriphani Palakodety, Chester Palen-Michel, Aditya Paliwal, Shramay Palta, Endang Pamungkas, Liangming Pan, Xiao Pan, Youcheng Pan, Ziyi Pan, Gaurav Pandey, Liang Pang, Richard Yuanzhe Pang, Wei Pang, Sonam Pankaj, Sheena Panthaplackel, Alessandro Panunzi, Isabel Papadimitriou, Haris Papageorgiou, Alexandros Papangelis, Paolo Papotti, Nikolaos Pappas, Ivandré Paraboni, Bhargavi Paranjape, Letitia Parcalabescu, Tanmay Parekh, Shantipriya Parida, ChaeHun Park, Chan Young Park, Jae sung Park, Jun-Hyung Park, Jungsoo Park, Kunwoo Park, Seong-Bae Park, Seongmin Park, Shinwoo Park, Sungjoon Park, Sungkyu Park, Yannick Parmentier, Prasanna Parthasarathi, Ankita Pasad, Lucia Passaro, Rebecca Passonneau, Panupong Pasupat, Arkil Patel, Raj Patel, Archita Pathak, Omkar Patil, Barun Patra, Braja Gopal Patra, Parth Patwa, Manasi Patwardhan, Debjit Paul, Indraneil Paul, Adam Pauls, John Pavlopoulos, Sarah Payne, Jiaxin Pei, Kevin Pei, Weiping Pei, Stephan Peitz, Olga Pelloni, Baolin Peng, Han Peng, Hao Peng, Haoruo Peng, Min Peng, Minlong Peng, Qiyao Peng, Siyao Peng, Wei Peng, Wei Peng, Xi Peng, Xutan Peng, Yifan Peng, Gerald Penn, James Pennebaker, Joseph Peper, Oren Pereg, Carla Perez Almendros, Laura Perez-Beltrachini, Gabriele Pergola, Charith Peris, Stanislav Peshterliev, Casper Petersen, Dominic Petrak, Ekaterina Petrova, Pavel Petrushkov, Jonas Pfeiffer, Jason Phang, Renjie Pi, Massimo Piccardi, Matúš Pikuliak, Nisha Pillai, Tiago Pimentel, Mārcis Pinnis, Juan Pino, Leticia Pinto-Alva, Irina Piontkovskaya, Pitawelayalage Dasun Pitawela, Priya Pitre, Paul Piwek, Brian Plüss, Barbara Plank, Massimo Poesio, Adam Poliak, Kashyap Popat, Andrei Popescu-Belis, Fred Popowich, Ian Porada, Beatrice Portelli, Emilian Postolache, Amir Pouran Ben Veyseh, Forough Poursabzi-Sangdeh, Shrimai Prabhume, Aniket Pramanick, Animesh Prasad, Karthik Prasad, Adithya Pratapa, Ofir Press, Luigi Procopio, Prokopis Prokopidis, Emily Prud'hommeaux, Michal Ptaszynski, Ratish Puduppully, Rajkumar Pujari, Stephen Pulman, Alberto Purpura, Yevgeniy Puzikov, Valentina Pyatkin

Ehsan Qasemi, Biqing Qi, Fanchao Qi, Ji Qi, Jianzhong Qi, Peng Qi, Siya Qi, Weizhen Qi, Chen Qian, Hongjin Qian, Kun Qian, Tiejun Qian, Yushan Qian, Lingfeng Qiao, Chengwei Qin, Chuan Qin, Guanghui Qin, Jinghui Qin, Kechen Qin, Yanxia Qin, Yujia Qin, Zhou Qin, Chen Qiu, Jieli Qiu, Lin Qiu, Long Qiu, Shenghao Qiu, Xinying Qiu, Zimeng Qiu, Chen Qu, Lizhen Qu, Guofeng Quan, Xiaojun Quan, Ariadna Quattoni

Rakesh R. Menon, Paul Röttger, Susanna Rücker, Ella Rabinovich, Gorjan Radevski, Benjamin Radford, Karthik Radhakrishnan, Muhammad Rafi, Alessandro Raganato, Afshin Rahimi, Sajjadur Rahman, Hossein A. Rahmani, Sunny Rai, Vatsal Raina, Nishant Raj, Hossein Rajaby Faghihi, Sara Rajaei, Dheeraj Rajagopal, Geetanjali Rakshit, Dhananjay Ram, Anil Ramakrishna, Goutham Ramakrishnan, Heri Ramampiaro, Giulia Rambelli, Abhinav Ramesh Kashyap, Alan Ramponi, Surangika Ranathunga, Dongning Rao, Jinfeng Rao, Yanghui Rao, Ahmad Rashid, Mohammad Sadegh Rasooli, Pratik Ratadiya, Fedor Ratnikov, Vikas Raunak, Shauli Ravfogel,

Hareesh Ravi, Srinivas Ravishankar, Bhanu Pratap Singh Rawat, Avik Ray, Soumya Ray, Jishnu Ray Chowdhury, Manny Rayner, Anastasiia Razdaibiedina, Yasaman Razeghi, Simon Razniewski, Evgeniia Razumovskaia, Gábor Recski, Hanumant Redkar, Georg Rehm, Roi Reichart, Machel Reid, Ridho Reinanda, Markus Reiter-Haas, Navid Rekabsaz, Da Ren, Feiliang Ren, Haopeng Ren, Liliang Ren, Shuhuai Ren, Xiaoqi Ren, Yuanhang Ren, Yuxin Ren, Steven Rennie, Mehdi Rezagholizadeh, Nequine Rezaii, Ryokan Ri, Eugénio Ribeiro, Leonardo F. R. Ribeiro, Corentin Ribeyre, Stefan Riezler, Matiss Rikters, Ellen Riloff, Tharathorn Rimchala, Fabio Rinaldi, Ruty Rinott, Annette Rios, Anthony Rios, Yara Rizk, Mario Rodríguez-Cantelar, Melissa Roemmele, Morteza Rohanian, Mukesh Kumar Rohil, Mahdin Rohmatillah, Anna Rohrbach, Paul Roit, Lina M. Rojas Barahona, Roland Roller, Julia Romberg, Julien Romero, Subendhu Rongali, Kevin Ros, Rudolf Rosa, Domenic Rosati, Andrew Rosenberg, Guy Rosin, Alexis Ross, Björn Ross, Candace Ross, Federico Rossetto, Benjamin Roth, Guy Rotman, Andrew Rouditchenko, Hossein Rouhizadeh, Bryan Routledge, Dwaipayan Roy, Shamik Roy, Soumyadeep Roy, Sumegh Roychowdhury, Alla Rozovskaya, Yu-Ping Ruan, Rimvydas Rubavicius, Sebastian Ruder, Koustav Rudra, Frank Rudzicz, Amina Rufai, Federico Ruggeri, Ramon Ruiz-Dolz, Thomas Ruprecht, Max Ryabinin, Neville Ryant, Piotr Rybak, Maria Ryskina

Mario Sanger, Victor M. Sanchez-Cartagena, Felipe Sanchez-Martınez, Ashish Sabharwal, Devendra Sachan, Nafis Sadeq, Farig Sadeque, Arka Sadhu, Philipp Sadler, Sahar Sadrizadeh, Mohammed Saeed, Tara Safavi, Niloofar Safi Samghabadi, Monjoy Saha, Sougata Saha, Swarnadeep Saha, Saurav Sahay, Nihar Sahoo, Gaurav Sahu, Sunil Kumar Sahu, Surya Kant Sahu, Catherine Sai, Armin Sajadi, Julian Salazar, Elizabeth Salesky, Vishal Saley, Tanja Samardzic, Rajhans Samdani, Shailaja Keyur Sampat, Ramon Sanabria, Abhilasha Sancheti, Ramses Sanchez, Vicente Ivan Sanchez Carmona, German Sanchis-Trilles, Mark Sanderson, Ananth Sankar, Chinnadhurai Sankar, Scott Sanner, Andrea Santilli, Marina Santini, T.Y.S.S Santosh, Sebastin Santy, Soumya Sanyal, Maarten Sap, Maya Sappelli, Efsun Sarioglu Kayi, Anoop Sarkar, Chayan Sarkar, Ritesh Sarkhel, Prathusha K Sarma, Gabriele Sarti, Sheikh Sarwar, Felix Sasaki, Ryohei Sasano, Giorgio Satta, Danielle Saunders, Neela Sawant, Apoorv Saxena, Michael Saxon, Carolina Scarton, Yves Scherrer, Benjamin Schiller, Jorg Schlotterer, David Schlangen, Jonathan Schler, Sonja Schmer-Galunder, Helmut Schmid, Stephanie Schoch, Annika Marie Schoene, Alexandra Schofield, Hendrik Schuff, William Schuler, Elliot Schumacher, Raphael Schumann, Sebastian Schuster, Tal Schuster, Roy Schwartz, Stefan Schweter, Kyle Seelman, Elad Segal, Ethan Selfridge, Thibault Sellam, Nikil Selvam, David Semedo, Nasredine Semmar, Cansu Sen, Srinivasan Sengamedu, Ronald Seoh, Yeon Seonwoo, Brandon Sepulvado, Royal Sequiera, Oleg Serikov, Giuseppe Serra, Sofia Serrano, Aliaksei Severyn, Agam Shah, Darsh Shah, Raj Shah, Cory Shain, Anastassia Shaitarova, Mehrnoush Shamsfard, Chao Shang, Jingbo Shang, Mingyue Shang, Wenbo Shang, Chenze Shao, Hanyin Shao, Jie Shao, Wei Shao, Yunfan Shao, Yunqiu Shao, Yutong Shao, Ori Shapira, Ehsan Shareghi, Aditya Sharma, Arpit Sharma, Ashish Sharma, Mandar Sharma, Shanya Sharma, Peter Shaw, Ryan Shea, Kim Cheng Sheang, Ravi Shekhar, Artem Shelmanov, Hua Shen, Jiaming Shen, Lei Shen, Qinlan Shen, Sheng Shen, Shiqi Shen, Tao Shen, Tianhao Shen, Weizhou Shen, Xudong Shen, Yilin Shen, Ying Shen, Yongliang Shen, Yuming Shen, Michael Sheng, Qiang Sheng, Tom Sherborne, Botian Shi, Bowen Shi, Chen Shi, Freda Shi, Jiabin Shi, Jihao Shi, Ning Shi, Peng Shi, Shuming Shi, Tian Shi, Tianze Shi, Weijia Shi, Zhan Shi, Zhengxiang Shi, Tomohide Shibata, Yutaro Shigeto, Jamin Shin, Seungjae Shin, Hiroyuki Shindo, Kazutoshi Shinoda, Takahiro Shinozaki, Abu Awal Md Shoeb, Harry Shomer, Lidan Shou, Kumar Shridhar, Lei Shu, Raphael Shu, Kurt Shuster, Chenglei Si, Mei Si, Anthony Sicilia, A.B. Siddique, Wladimir Sidorenko, Alejandro Sierra-Munera, Ankur Sikarwar, Sandipan Sikdar, Andrew Silva, Joao Ricardo Silva, Kanishka Silva, Fabrizio Silvestri, Stefano Silvestri, Mong Yuan Sim, Patrick Simianer, Daniel Simig, Goncalo Simoes, Dan Simonson, Edwin Simpson, Jaspreet Singh, Jyotika Singh, Kuldeep Singh, Prasann Singhal, Saksham Singhal, Karan Singla, Koustuv Sinha, Olivier Siohan, Amy Siu, Inguna Skadiņa, Steve Skiena, Dylan Slack, Aviv Slobodkin, Kevin Small, Eric Mi-

chael Smith, Noah A. Smith, Marco Antonio Sobrevilla Cabezudo, Michaela Socolof, Petr Sojka, Elena Sokolova, Thamar Solorio, Swapna Somasundaran, Sai Ashish Somayajula, Iliia Sominsky, Pia Sommerauer, Junyoung Son, Seonil (Simon) Son, Youngseo Son, Feifan Song, Haiyue Song, Hyeonho Song, Hyun-Je Song, Kai Song, Kaiqiang Song, Kaitao Song, Linqi Song, Ruihua Song, Sanghoun Song, Wei Song, Xiaohui Song, Zhenqiao Song, Nikita Soni, Sarvesh Soni, Rishi Sonthalia, Taylor Sorensen, Aitor Soroa, Alexey Sorokin, Xabier Soto, Sajad Sotudeh, Laure Soulier, Marlo Souza, Gerasimos Spanakis, Alexander Spangher, Irena Spasic, Evangelia Spiliopoulou, Damiano Spina, Andreas Spitz, Daniel Spokoiny, Zayne Sprague, Richard Sproat, Mukund Srinath, Kavya Srinet, Dananjay Srinivas, Anirudh Srinivasan, Balaji Vasan Srinivasan, Tejas Srinivasan, Vijay Srinivasan, Ankit Srivastava, Saurabh Srivastava, Joe Stacey, Felix Stahlberg, Efsthios Stamatatos, Dominik Stambach, Karolina Stanczak, Marija Stanojevic, Katherine Stasaski, Georg Stemmer, Samuel Stevens, Ian Stewart, Zachary Stine, Adam Storek, Shane Storks, Kevin Stowe, Svetlana Stoyanchev, Phillip Benjamin Ströbel, Jannik Strötgen, Marco Antonio Stranisci, Tomek Strzalkowski, Sara Stymne, Dan Su, Qinliang Su, Ruolin Su, Xin Su, Yixuan Su, Yu Su, Yusheng Su, Zhihua Su, Melanie Subbiah, Nishant Subramani, Sanjay Subramanian, Prasanna Lakkur Subramanyam, Kazunari Sugiyama, Yoshi Suhara, Derwin Suhartono, Elijah Sulem, Aixin Sun, Baicheng Sun, Bin Sun, Changzhi Sun, Chengjie Sun, Fei Sun, Guangzhi Sun, Haipeng Sun, Haitian Sun, Hao Sun, Hao Sun, Huan Sun, Jian Sun, Kai Sun, Lin Sun, Ming Sun, Mingming Sun, Peijie Sun, Qingfeng Sun, Qiushi Sun, Renliang Sun, Shuqi Sun, Si Sun, Simeng Sun, Tianxiang Sun, Weiwei Sun, Weixuan Sun, Xiaoyang Sun, Ya Sun, Yang Sun, Yawei Sun, Zequn Sun, Zewei Sun, Zhiqing Sun, Mukund Sundararajan, Dhanasekar Sundararaman, Yi-Lin Sung, Yoo Yeon Sung, Hanna Suominen, Marek Suppa, Raghuvardhan Reddy Suram, Raymond Hendy Susanto, Simon Suster, Benjamin Suter, Mirac Suzgun, Jun Suzuki, Yoshimi Suzuki, Munira Syed, Stan Szpakowicz

Anaïs Tack, Oyvind Tafjord, Shabnam Tafreshi, Ryuichi Takanobu, Koichi Takeda, Ece Takmaz, Partha Talukdar, George Tambouratzis, Fabio Tamburini, Aleš Tamchyna, Akihiro Tamura, Chao-Hong Tan, Chenhao Tan, Chuanqi Tan, Fei Tan, Hao Tan, Haochen Tan, Jinghua Tan, Wei Tan, Xin Tan, Daniel Tang, Shuai Tang, Wei Tang, Xiangru Tang, Xiangyun Tang, Xunzhu Tang, Yi-Kun Tang, Yun Tang, Motoki Taniguchi, Tomoki Taniguchi, Chongyang Tao, Fei Tao, Wei Tao, Makarand Tapaswi, Sandeep Tata, Marta Tatu, Elke Teich, Christoph Teichmann, Selma Tekir, Serra Sinem Tekiroğlu, Damien Teney, Maartje Ter hoeve, Silvia Terragni, Katherine Thai, Avijit Thawani, Mokanarangan Thayaparan, Anton Thielmann, Craig Thomson, Camilo Thorne, David Thulke, Jidong Tian, Ran Tian, Xuetao Tian, Zuoyu Tian, Jörg Tiedemann, Zoran Tiganj, Tiago Timponi Torrent, Abhisek Tiwari, Hung To, Takenobu Tokunaga, Gaurav Singh Tomar, Nadi Tomme, Nicholas Tomlin, Marc Tomlinson, Meihan Tong, Manabu Torii, Lucas Torroba Hennigen, Shubham Toshniwal, Samia Touileb, Benjamin Towle, Khanh Tran, Quan Hung Tran, Trang Tran, Viet Anh Khoa Tran, Jan Trienes, Hai-Long Trieu, Bayu Distiawan Trisedya, Harsh Trivedi, Sergey Troshin, Henry Tsai, Dimitrios Tsarapatsanis, Bo-Hsiang Tseng, Masaaki Tsuchida, Geng Tu, Lifu Tu, Ming Tu, Zhaopeng Tu, Yi-Lin Tuan, Don Tuggener, Martin Tutek, Elena Tutubalina, Akshit Tyagi

Irina Ualiyeva, Rutuja Ubale, Adrian Ulges, Olga Uryupina, Asahi Ushio, Masao Utiyama

Venkatesh V, Ashwini Vaidya, Sowmya Vajjala, Avijit Vajpayee, Sai Vallurupalli, Josef Valvoda, Jannis Vamvas, David Vandyke, Natalia Vanetik, Daniel Varab, Stalin Varanasi, Francielle Vargas, Rossella Varvara, Shikhar Vashishth, Oleg Vasilyev, Nikhita Vedula, Saranya Venkatraman, Rakesh Verma, Siddharth Verma, Vivek Verma, Yannick Versley, David Vilar, David Vilares, Jesús Vilares, Martina Vilas, Dan Vilenchik, Martin Villalba, Serena Villata, Veronika Vincze, Lucas Vinh Tran, Carl Vogel, Rob Voigt, Nikos Voskarides, Ali Vosoughi, Piek Vossen, Pavlos Vougiouklis, Thuy Vu, Tu Vu, Ramya Vunikili, Josef van Genabith, Carel van Niekerk, Rob van der Goot,

Henning Wachsmuth, Takashi Wada, Manya Wadhwa, Joachim Wagner, Hiromi Wakaki, Eric Wallace, David Wan, Xiangpeng Wan, Yao Wan, Yu Wan, Ante Wang, Bailin Wang, Baojun Wang, Baoxin Wang, Baoyuan Wang, Benyou Wang, Bingqing Wang, Bo Wang, Boxin Wang, Chao Wang, Chao Wang, Chen Wang, Chengyi Wang, Chengyu Wang, Chuan-Ju Wang, Cunxiang Wang, Fei Wang, Guoyin Wang, Hai Wang, Han Wang, Han Wang, Hao Wang, Hao Wang, Haohan Wang, Haoyu Wang, Haoyu Wang, Heyuan Wang, Hong Wang, Hsin-Min Wang, Hua-dong Wang, Huimin Wang, Jiaan Wang, Jian Wang, Jianing Wang, Jianyu Wang, Jianzong Wang, Jiashuo Wang, Jiaxin Wang, Jiayi Wang, Jin Wang, Jin Wang, Jingang Wang, Jingwen Wang, Jue Wang, Jun Wang, Junfeng Wang, Junxiang Wang, Lei Wang, Liang Wang, Lingzhi Wang, Liwei Wang, Longshaokan Wang, Longyue Wang, Mengxiang Wang, Mingxuan Wang, Peifeng Wang, Pengfei Wang, Pidong Wang, Ping Wang, Qian Wang, Qiang Wang, Qingyun Wang, Quan Wang, Quanbin Wang, Rui Wang, Rui Wang, Ruibo Wang, Shaobo Wang, Shaojun Wang, Shaonan Wang, Shuo Wang, Sirui Wang, Siyuan Wang, Steven Wang, Suge Wang, Tao Wang, Tianduo Wang, Tianlu Wang, Tiannan Wang, Tong Wang, Wei Wang, Wei Wang, Weiyue Wang, Wen Wang, Wenbo Wang, Wenxuan Wang, Wenya Wang, Xiangdong Wang, Xiaochen Wang, Xiaojie Wang, Xiaolin Wang, Xiaoyang Wang, Xiaozhi Wang, Xin Wang, Xing Wang, Xintong Wang, Xinyi Wang, Xinyu Wang, Xu Wang, Xuancong Wang, Xuezhi Wang, Xun Wang, Yanan Wang, Yang Wang, Yanmeng Wang, Yanshan Wang, Yaqing Wang, Yasheng Wang, Ye Wang, Ye Wang, Yequan Wang, Yibo Wang, Yinggui Wang, Yining Wang, Yiyi Wang, Yizhong Wang, Yong Wang, Yu Wang, Yufan Wang, Yuxuan Wang, Zekun Wang, Zezhong Wang, Zhaowei Wang, Zhen Wang, Zheng Wang, Zhenhailong Wang, Zhenyi Wang, Zhiguang Wang, Zhilin Wang, Zhiqiang Wang, Zhiwei Wang, Zhongqing Wang, Zhuoyi Wang, Zifeng Wang, Zihan Wang, Zihan Wang, Zihao Wang, Zihao Wang, Zijian Wang, Zilong Wang, Zirui Wang, Prashan Wanigasekara, Shinji Watanabe, Yusuke Watanabe, Bonnie Webber, Ingmar Weber, Kellie Webster, Feng Wei, Junqiu Wei, Lingwei Wei, Penghui Wei, Xiangpeng Wei, Yang Wei, Shira Wein, Haoyang Wen, Jiaxin Wen, Liang Wen, Luou Wen, Zhihua Wen, Zhiyuan Wen, Rongxiang Weng, Peter West, Alexander Wettig, Jennifer C. White, Julia White, Spencer Whitehead, Daniel Whitenack, Emilia Wiśnios, Martyna Wiącek, Michael Wiegand, John Wieting, Derry Tanti Wijaya, Rodrigo Wilkens, Adina Williams, Jake Williams, Jennifer Williams, Mary Williamson, Ronald Wilson, Shomir Wilson, Steven Wilson, Genta Winata, David Wingate, Shuly Wintner, Sam Wiseman, Guillaume Wisniewski, Seunpil Won, Ka Ho Wong, Raymond Wong, Zach Wood-Doughty, Alina Wróblewska, Dustin Wright, Anna Wroblewska, Changxing Wu, Chen Henry Wu, Chien-Sheng Wu, Chuhan Wu, Di Wu, Fangzhao Wu, Guani Wu, Han Wu, Hua Wu, Junda Wu, Junjie Wu, Junshuang Wu, Kaixin Wu, Shengqiong Wu, Shih-Hung Wu, Shijie Wu, Shuangzhi Wu, Sixing Wu, Sixuan Wu, Stephen Wu, Te-Lin Wu, Tianxing Wu, Ting-Wei Wu, Tongshuang Wu, Weibin Wu, Wen Wu, Wenhao Wu, Xianchao Wu, Xiaobao Wu, Xiaofeng Wu, Xin Wu, Yaoyao Wu, Yike Wu, Yimeng Wu, Youzheng Wu, Yu Wu, Yuchuan Wu, Yuexin Wu, Yuting Wu, Yuxia Wu, Yuxiang Wu, Zeqiu Wu, Zhanghao Wu, Zhaofeng Wu, Zhiyong Wu, Zhiyong Wu, Joern Wuebker

Ruijie Xi, Congying Xia, Jingbo Xia, Menglin Xia, Mengzhou Xia, Patrick Xia, Qingrong Xia, Anhao Xiang, Jiannan Xiang, Suncheng Xiang, Chaojun Xiao, Chenghao Xiao, Chunyang Xiao, Huiru Xiao, Jinfeng Xiao, Jing Xiao, Jinghui Xiao, Min Xiao, Wen Xiao, Xinyan Xiao, Zeguan Xiao, Lu Xiaolei, Kaige Xie, Ning Xie, Qianqian Xie, Shangyu Xie, Wanying Xie, Yubo Xie, Yuqing Xie, Xin Xin, Xin Xin, Yingwei Xin, Bowen Xing, Chen Xing, Linzi Xing, Yujie Xing, Zhenchang Xing, Deyi Xiong, Hao Xiong, Benfeng Xu, Boyan Xu, Canwen Xu, Chen Xu, Dongfang Xu, Guandong Xu, Hanzi Xu, Hongfei Xu, Hongzhi Xu, Jia Xu, Jiacheng Xu, Jialiang Xu, Jin Xu, Jinan Xu, Jingjing Xu, Jitao Xu, Jun Xu, Keyang Xu, Lei Xu, Liang Xu, Lu Xu, Lvxiaowei Xu, Mingzhou Xu, Nan Xu, Peng Xu, Peng Xu, Qiongkai Xu, Ruiqing Xu, Runxin Xu, Ruochen Xu, Silei Xu, Weijia Xu, Weiwen Xu, Xinchao Xu, Xinnuo Xu, Yan Xu, Yige Xu, Yunqiu Xu,

Zhenhui Xu, Zhiyang Xu, Zichuan Xu, Fuzhao Xue, Mingfeng Xue, Nianwen Xue, Yun Xue

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Keynote Talk

The Multimodal Language Faculty and the Visual Languages of Comics

Neil Cohn

Tilburg University, Department of Communication and Cognition

2022-12-09 09:00:00 – Room: Hall B

Abstract:



Friday, December 9, 2022 - Room: Hall B - Time: 9:00-10:30

Abstract: Contrary to the notions of language as an amodal system, natural human communication is multimodal and combines speech, gestures, writing, and pictures. To account for this, recent work has proposed that our vocal, bodily, and graphic modalities persist in parallel in a multimodal language faculty, and both unimodal and multimodal expressions arise out of emergent states of a shared architecture. Such a model carries different expectations for the ways in which modalities may be similar or different from each other, and how they may interact. I will highlight these properties specifically for our graphic modality, which I argue can manifest in full visual languages when displaying both a systematic lexicon and complex grammar. I will use analysis of a corpus of several hundred annotated comics to show distinctive patterns that suggest they are drawn in different visual languages. Yet, I will also show that consistent “universal” linguistic principles persist across this structural diversity. Finally, I will argue that a multimodal language faculty requires us to change our conception of linguistic relativity, and I will show how subtle structures of spoken languages permeate across to visual languages. Altogether, this work argues for a multimodal basis of linguistic structure, and heralds a reconsideration of what constitutes the language system.

Bio: Neil Cohn is an American cognitive scientist best known for his research on the overlap in structure and cognition between language and graphic communication like comics and emoji. He is the author of 80+ academic papers, 4 academic books, and 2 graphic novels. He received his PhD in cognitive psychology at Tufts University and is currently an associate professor at the Department of Cognition and Communication at Tilburg University in The Netherlands. His work can be found online at <https://www.visuallanguagelab.com/>.

Keynote Talk

Takeaways from a Systematic Study of 75K Models on Hugging Face

Nazneen Rajani

HuggingFace

2022-12-09 17:30:00 – Room: Hall B

Abstract:



Friday, December 9, 2022 - Room: Hall B - Time: 17:30-18:30

Abstract: Language models trained using transformers dominate the NLP model landscape, making Hugging Face (HF) the defacto hub for sharing, benchmarking, and evaluating NLP models. The HF hub provides a rich resource for understanding how language models evolved, opening up research questions such as ‘Is there a correlation between model documentation and its usage?’, ‘How have the models evolved?’, ‘What do users document about their models?’. In the first part of my talk, I’ll give a macro-level view of how the NLP model landscape has evolved based on our systematic study of 75K HF models. In the second part, I’ll discuss advances, challenges and opportunities in evaluating and documenting NLP models developed in an industry setting. Based on the results, do we see a paradigm shift from model-centric to data-centric evaluation and documentation?

Bio: Nazneen is a Research Lead at Hugging Face, a startup with a mission to democratize ML, leading data-centric ML research which involves systematically analyzing, curating, and automatically annotating data. Before HF, she worked at Salesforce Research with Richard Socher and led a team of researchers focused on building robust natural language generation systems based on LLMs. She completed her Ph.D. in CS at UT-Austin with Prof. Ray Mooney. Nazneen has over 30 papers accepted at ACL, EMNLP, NAACL, NeurIPs, and ICLR and has her research covered by Quanta magazine, VentureBeat, SiliconAngle, ZDNet, and Datanami. She is also teaching a course on interpreting ML models with Corise – <http://corise.com/go/nazneen>. More details about her work can be found here <https://www.nazneenrajani.com/>.

Keynote Talk

Towards a Foundation for AGI

Gary Marcus

NYU (Emeritus)

2022-12-10 14:00:00 – Room: Hall B

Abstract:



Saturday, December 10, 2022 - Room: Hall B - Time: 14:00-15:00

Abstract: Large pretrained language models like GPT-3 and PaLM have generated enormous enthusiasm, and are capable of producing remarkably fluent language. But they have also been criticized on many grounds, and described as “stochastic parrots.” Are they adequate as a basis for artificial general intelligence (AGI), and if not, what would a better foundation for general intelligence look like?

Bio: Gary Marcus is a leading voice in artificial intelligence. He is a scientist, best-selling author, and serial entrepreneur (Founder of Robust.AI and Geometric.AI, acquired by Uber). He is well-known for his challenges to contemporary AI, anticipating many of the current problems decades in advance, and for his research in human language development and cognitive neuroscience. An Emeritus Professor of Psychology and Neural Science at NYU, he is the author of five books, including, *The Algebraic Mind*, *Kluge*, *The Birth of the Mind*, and the *New York Times* Bestseller *Guitar Zero*. He has often contributed to *The New Yorker*, *Wired*, and *The New York Times*. His most recent book, *Rebooting AI*, with Ernest Davis, is one of *Forbes*’s 7 Must Read Books in AI.

Keynote Talk

Towards a Responsible NLP: Walking the Walk

Mona Diab

Meta Responsible AI and The George Washington University

2022-12-11 14:00:00 – Room: Hall B

Abstract:



Sunday, December 11, 2022 - Room: Hall B - Time: 14:00-15:00

Abstract: In a world of racing to get the best systems on leaderboards, winning best shared tasks, building the largest LM, are we losing our soul as a scientific enterprise? Do we need to re-orient and re-pivot NLP? If so, what is needed to make this happen? Can we chart together a program where we ensure that science is the pivotal ingredient in CL/NLP? Could Responsible NLP be an avenue that could lead us back towards that goal? In this talk, in the spirit of Empirical NLP, I will explore some “practical” ideas around framing a Responsible NLP vision hoping to achieve a higher scientific standard for our field, addressing issues from the “how” we conduct our research and venturing into the “what” we work on and produce using tenets from responsible mindset perspective. I will pose more questions than answers. This is a call to action, an invitation to start a real global community conversation, hopefully engaging all stakeholders: academia, industry, government and civic society.

Bio: Mona Diab is the Lead Responsible AI Research Scientist with Meta. She is also a full Professor of Computer Science at the George Washington University (on leave) where she directs the CARE4Lang NLP Lab. Before joining Meta, she led the Lex Conversational AI project within Amazon AWS AI. Her current focus is on Responsible AI and how to operationalize it for NLP technologies. Her interests span building robust technologies for low resource scenarios with a special interest in Arabic technologies, (mis) information propagation, computational socio-pragmatics, computational psycholinguistics, NLG evaluation metrics, language modeling and resource creation. Mona has served the community in several capacities: Elected President of SIGLEX and SIGSemitic, and she currently serves as the elected VP for ACL SIGDAT, the board supporting EMNLP conferences. She has delivered tutorials and organized numerous workshops and panels around Arabic processing, Responsible NLP, Code Switching, etc. She is a cofounder of CADIM (Consortium on Arabic Dialect Modeling, previously known as Columbia University Arabic Dialects Modeling Group), in 2005, which served as a world renowned reference point on Arabic Language Technologies. Moreover she helped establish two research trends in NLP, namely computational approaches to Code Switching and Semantic Textual Similarity. She is also a founding member of the *SEM conference, one of the top tier conferences in NLP. Mona has published more than 250 peer reviewed articles.

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