#### **Curriculum Vitae**

### **Personal information**

Name Katharina Lisa Maria Kann

Phone/e-mail +16466830278; katharina.kann@colorado.edu

Website <a href="https://kelina.github.io">https://kelina.github.io</a> (personal); <a href="http://nala-cub.github.io">http://nala-cub.github.io</a> (lab)

# Education and research experience

from 09/2020	Affiliated Faculty	Institute of Cognitive	Science:	University of Colorado
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Boulder, USA

from 01/2020 Assistant Professor, Department of Computer Science: University of

Colorado Boulder, USA

04/2018 - 12/2019 Postdoctoral Research Associate: New York University, USA

01/2015 - 09/2017 **PhD in Computer Science**: University of Munich, Germany (GPA: 0.9)

10/2012 - 11/2014 MSc in Computer Science: Technical University of Munich, Germany

(GPA: 1.5)

10/2008 - 11/2011 **BSc in Mathematics** with minor Computer Science: Johannes Gutenberg

University Mainz, Germany (GPA: 1.8)

### Industry and project experience

10/2017 - 03/2018	Internship at (	Google Zurich:	Research and	l software engineering
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09/2016 - 12/2016 Internship at Google Zurich: Research and software engineering

06/2015 - 09/2015 Internship at Google London: Research and software engineering

## Funding and awards

**External Funding** 

05/2022 - 04/2024 PI, NSF EAGER on Automatic Story Generation in Support of Early

Vocabulary Learning (\$299,737)

08/2020 - 07/2025 Senior Personnel, NSF AI Institute for Student-AI Teaming (\$19,993,294)

01/2021 Industry funding for the AmericasNLP workshop (\$7,600)

**Internal Funding** 

01/2022 PI, IRT Proposal Writing Seed Grant on Target-word Selection and Story

Generation for Vocabulary Growth Support for Bilingual Preschoolers

(\$15,000)

01/2022 Co-PI, IRT Proposal Writing Seed Grant on Automatic Processing of Free-text

Student Responses to In-class Surveys (\$15,000)

10/2021 Faculty success program grant (\$4,150)

12/2020 PI, IRT Seed Grant on Supporting Language Learning in Bilingual

Preschoolers (\$17,349)

07/2020 - 06/2022	Co-PI, Engineering Education and Al-Augmented Learning IRT (\$250,000)			
03/2020	Co-PI, RSO funding for equipment maintenance or purchases (\$15,000)			
<b>Awards</b> 06/2017	Winning system of task 2 of the CoNLL-SIGMORPHON 2017 shared task on universal morphological reinflection			
05/2017	Google scholarship for attending the Lisbon Machine Learning School 2017			
05/2016	Winning system of the SIGMORPHON 2016 shared task on morphological reinflection			
07/2011	<b>Scholarship</b> from the German Academic Exchange Service and the China Scholarship Council for Mandarin language studies in China			
09/2009	ERASMUS scholarship for university studies in Valencia			
03/2009	Scholarship from the "Studienstiftung des Deutschen Volkes"			
Teaching				
Courses	Natural Language Processing (CSCI 3832). CU Boulder, Fall 2021.			
	Seminar: Computational Lexical Semantics (CSCI 7000/LING 7800). CU Boulder, Fall 2020 (w/ Martha Palmer); Fall 2021.			
	Natural Language Processing (CSCI/LING 5832). CU Boulder, Spring 2020; Fall 2020.			
	Natural Language Understanding and Computational Semantics (DS-GA 1012/LING-GA 1012, with Samuel R. Bowman). NYU, Spring 2019.			
Professional development	Machine Learning. Tech Frontiers, CU Boulder, Summer 2021.			
Summer school instructor	Online Summer School of Machine Learning at Skoltech (SMILES) 2020: <b>Transfer learning in NLP</b>			
	Machine Learning Summer School Indonesia (MLSS-Indo) 2020: <b>Deep Learning for NLP</b> and <b>Transfer Learning for NLP</b>			
Mentoring	1 postdoc, 8 PhD students; 11 master's students; 7 undergraduate students			
Skills				
Languages	German (mother tongue), English (fluent), Spanish (fluent), Chinese (intermediate, HSK 5 in 2012), French (basic), Latin (Latinum)			
Programming languages	<pre>Java (good knowledge), Python (good knowledge), C++ (basic knowledge), C# (basic knowledge)</pre>			
Professional service				
2022	Co-organizer of the NeurIPS-AmericasNLP Competition on Speech-to-Text Translation			
2022	Co-organizer of the First Workshop on Corpus Generation and Corpus Augmentation for Machine Translation ("CoCo4MT")			

2021	Co-organizer of the <b>Fifth Workshop on Technologies for MT of Low Resource Languages ("LoResMT")</b> and the <b>LoResMT 2021 Shared Task</b>
2021	Co-organizer of the First Workshop on NLP for Indigenous Languages of the Americas ("AmericasNLP") and the AmericasNLP 2021 Shared Task on Open Machine Translation
2021	Co-organizer of the Workshop on Weakly Supervised Learning ("WeaSul")
2021	Co-organizer of the SIGMORPHON 2021 shared task on paradigm clustering
2020	Co-organizer of the SIGMORPHON 2020 shared task on unsupervised discovery of morphological paradigms
2019	Co-organizer of the 4th Workshop on Representation Learning for NLP ("Repl4NLP")
2018	Co-organizer of the CoNLLSIGMORPHON 2018 shared task on universal morphological reinflection
Review editor	Frontiers in Artificial Intelligence
Action editor	ACL Rolling Review (ARR) 2021
Area chair / senior program committee	AAAI 2021, NAACL 2021, EMNLP 2021, AAAI 2022, AAAI 2023

#### **Publications**

Refereed conference papers

Katharina Kann, Shiran Dudy, and Arya D. McCarthy. **A Major Obstacle for NLP Research: Let's Talk about Time Allocation!** In EMNLP 2022.

Adam Wiemerslage, Shiran Dudy, and Katharina Kann. A Comprehensive Comparison of Neural Networks as Cognitive Models of Inflection. In EMNLP 2022.

Abteen Ebrahimi, Manuel Mager, Arturo Oncevay, Vishrav Chaudhary, Luis Chiruzzo, Angela Fan, John Ortega, Ricardo Ramos, Annette Rios, Ivan Vladimir Meza Ruiz, Gustavo A. Giménez-Lugo, Elisabeth Mager, Graham Neubig, Alexis Palmer, Rolando Coto-Solano, Thang Vu, and Katharina Kann. AmericasNLI: Evaluating Zero-shot Natural Language Understanding of Pretrained Multilingual Models in Truly Low-resource Languages. In ACL 2022.

Yoshinari Fujinuma, Jordan Lee Boyd-Graber, and Katharina Kann. **How Does Multilingual Pretraining Affect Cross-Lingual Transferability?** In ACL 2022.

Cory Paik, Stephane Aroca-Ouellette, Alessandro Roncone, and Katharina Kann. The World of an Octopus: How Reporting Bias Influences a Language Model's Perception of Color. In EMNLP 2021.

Abteen Ebrahimi and Katharina Kann. **How to Adapt Your Pretrained Multilingual Model to 1600 Languages**. In ACL 2021.

Rajat Bhatnagar, Ananya Ganesh, and Katharina Kann. **Don't Rule Out Monolingual Speakers: A Method For Crowdsourcing Machine Translation Data**. In ACL 2021.

Katharina Kann\* and Mauro M. Monsalve-Mercado\*. Coloring the Black Box: What Synesthesia Tells Us about Character Embeddings. In EACL 2021.

Beilei Xiang, Changbing Yang, Yu Li, Alex Warstadt and Katharina Kann. **CLiMP: A Benchmark for Chinese Language Model Evaluation**. In EACL 2021.

Jason Phang\*, lacer Calixto\*, Phu Mon Htut, Yada Pruksachatkun, Haokun Liu, Clara Vania, Katharina Kann and Samuel R. Bowman. **English Intermediate-Task Training Improves Zero-Shot Cross-Lingual Transfer Too**. In AACL 2020.

Rajat Agarwal and Katharina Kann. **Acrostic Poem Generation**. In EMNLP 2020.

Manuel Mager, Özlem Çetinoğlu and Katharina Kann. **Tackling the Low-resource Challenge for Canonical Segmentation**. In EMNLP 2020.

Sarah Moeller, Ling Liu, Changbing Yang, Katharina Kann and Mans Hulden. **IGT2P: From Interlinear Glossed Texts to Paradigms**. In EMNLP 2020.

Yada Pruksachatkun\*, Jason Phang\*, Haokun Liu\*, Phu Mon Htut\*, Xiaoyi Zhang, Richard Yuanzhe Pang, Clara Vania, Katharina Kann and Samuel R. Bowman. Intermediate-Task Transfer Learning with Pretrained Language Models: When and Why Does It Work? In ACL 2020.

Huiming Jin, Liwei Cai, Yihui Peng, Chen Xia, Arya McCarthy and Katharina Kann. **Unsupervised Morphological Paradigm Completion**. In ACL 2020.

Katharina Kann, Samuel R. Bowman and Kyunghyun Cho. Learning to Learn Morphological Inflection for Resource-Poor Languages. In AAAI 2020.

Katharina Kann\*, Ophélie Lacroix\* and Anders Søgaard. **Weakly Supervised POS Taggers Perform Poorly on Truly Low-Resource Languages**. In AAAI 2020.

Katharina Kann. **Acquisition of Inflectional Morphology in Artificial Neural Networks With Prior Knowledge**. In SCiL 2020.

Katharina Kann, Kyunghyun Cho and Samuel R. Bowman. **Towards Realistic Practices In Low-Resource Natural Language Processing: The Development Set**. In EMNLP 2019.

Yadollah Yaghoobzadeh, Katharina Kann, T. J. Hazen, Eneko Agirre and Hinrich Schütze. **Probing for Semantic Classes: Diagnosing the Meaning Content of Word Embeddings.** In ACL 2019.

Manuel Mager, Özlem Çetinoğlu and Katharina Kann. **Subword-Level Language Identification for Intra-Word Code-Switching.** In NAACL 2019.

Katharina Kann\*, Alex Warstadt\*, Adina Williams\* and Samuel R. Bowman. **Verb Argument Structure Alternations in Word and Sentence Embeddings**. In SCiL 2019.

Katharina Kann and Hinrich Schütze. **Neural Transductive Learning and Beyond: Morphological Generation in the Minimal-Resource Setting.** In EMNLP 2018.

Katharina Kann, Sascha Rothe and Katja Filippova. **Sentence-Level Fluency Evaluation: References Help, But Can Be Spared!** In CoNLL 2018.

Katharina Kann\*, Jesus Manuel Mager Hois\*, Ivan Vladimir Meza Ruiz and Hinrich Schütze. Fortification of Neural Morphological Segmentation Models for Polysynthetic Minimal-Resource Languages. In NAACL 2018.

Katharina Kann, Ryan Cotterell and Hinrich Schütze. **One-Shot Neural Cross-Lingual Transfer for Paradigm Completion**. In ACL 2017.

Katharina Kann, Ryan Cotterell and Hinrich Schütze. **Neural Multi-Source Morphological Reinflection**. In EACL 2017.

Katharina Kann, Ryan Cotterell, Hinrich Schütze. **Neural Morphological Analysis: Encoding Decoding Canonical Segments**. In EMNLP 2016.

Katharina Kann and Hinrich Schütze. **Single-Model Encoder-Decoder with Explicit Morphological Representation for Reinflection**. In ACL 2016.

Refereed journal papers

Katharina Kann, Abteen Ebrahimi, Manuel Mager, Arturo Oncevay, John E. Ortega, Annette Rios, Angela Fan, Ximena Gutierrez-Vasques, Luis Chiruzzo, Gustavo A. Giménez-Lugo, Ricardo Ramos, Ivan Vladimir Meza Ruiz, Elisabeth Mager, Vishrav Chaudhary, Graham Neubig, Alexis Palmer, Rolando Coto-Solano, and Ngoc Thang Vu. AmericasNLI: Machine translation and natural language inference systems for Indigenous languages of the Americas. In Frontiers in Artificial Intelligence 2022.

Rajat Bhatnagar, Ananya Ganesh, and Katharina Kann. **CHIA: CHoosing Instances to Annotate for Machine Translation**. In Findings of EMNLP 2022.

Adam Wiemerslage, Miikka Silfverberg, Changbing Yang, Arya D. McCarthy, Garrett Nicolai, Eliana Colunga, and Katharina Kann. **Morphological Processing of Low-Resource Languages: Where We Are and What's Next**. In Findings of ACL 2022.

Manuel Mager, Arturo Oncevay, Elisabeth Mager, Katharina Kann, and Thang Vu. BPE vs. Morphological Segmentation: A Case Study on Machine Translation of Four Polysynthetic Languages. In Findings of ACL 2022.

Stephane Aroca-Ouellette, Cory Paik, Alessandro Roncone, and Katharina Kann. **PROST: Physical Reasoning of Objects through Space and Time**. In Findings of ACL 2021.

Ananya Ganesh, Martha Palmer, and Katharina Kann. What Would a Teacher Do? Predicting Future Talk Moves. In Findings of ACL 2021.

Workshop papers

Trevor A. Hall, Maria Valentini, Eliana Colunga, and Katharina Kann. **Generate Me a Bedtime Story: Leveraging Natural Language Processing for Early Vocabulary Enhancement**. In NLP for Positive Impact 2022.

Katharina Kann, Abteen Ebrahimi, Kristine Stenzel, and Alexis Palmer.

Machine Translation Between High-resource Languages in a Language

Documentation Setting. In Field Matters 2022.

Ananya Ganesh, Hugh Scribner, Jasdeep Singh, Katherine Goodman, Jean Hertzberg, and Katharina Kann. **Response Construct Tagging: NLP-Aided Assessment for Engineering Education**. In BEA 2022.

Katharina Kann, Abteen Ebrahimi, Joewie J. Koh, Shiran Dudy, and Alessandro Roncone. **Open-domain Dialogue Generation: What We Can Do, Cannot Do, And Should Do Next**. In NLP for ConvAl 2022.

Andrew Gerlach, Adam Wiemerslage and Katharina Kann. **Paradigm Clustering with Weighted Edit Distance**. In SIGMORPHON 2021.

Nikhil Prabhu and Katharina Kann. **Making a Point: Pointer-Generator Transformers for Disjoint Vocabularies**. In AACL SRW 2020. (**Best paper award**.)

Nikhil Prabhu and Katharina Kann. Frustratingly Easy Multilingual Grapheme-to-Phoneme Conversion. In SIGMORPHON 2020.

Assaf Singer and Katharina Kann. The NYU-CUBoulder Systems for SIGMORPHON 2020 Task 0 and Task 2. In SIGMORPHON 2020.

Manuel Mager and Katharina Kann. The IMS-CUBoulder System for the SIGMORPHON 2020 Shared Task on Unsupervised Morphological Paradigm Completion. In SIGMORPHON 2020.

Anhad Mohananey\*, Katharina Kann\* and Samuel R. Bowman. **Self-Training for Unsupervised Parsing with PRPN**. In IWPT 2020.

Johannes Bjerva, Katharina Kann and Isabelle Augenstein. **Transductive Auxiliary Task Self-Training for Neural Multi-Task Models**. In DeepLo 2019.

Katharina Kann, Anhad Mohananey, Kyunghyun Cho and Samuel R. Bowman. **Neural Unsupervised Parsing Beyond English**. In DeepLo 2019.

Katharina Kann, Stanislas Lauly and Kyunhyun Cho. The NYU System for the CoNLL-SIGMORPHON 2018 Shared Task on Universal Morphological Reinflection. In CoNLL-SIGMORPHON 2018.

Manuel Mager, Elisabeth Mager, Alfonso Medina-Urrea, Ivan Meza and Katharina Kann. Lost in Translation: Analysis of Information Loss During Machine Translation Between Polysynthetic and Fusional Languages. In All Together Now? Computational Modeling of Polysynthetic Languages 2018. Katharina Kann, Johannes Bjerva, Isabelle Augenstein, Barbara Plank and Anders Søgaard. Character-level Supervision for Low-resource POS Tagging. In DeepLo 2018.

Yadollah Yaghoobzadeh, Katharina Kann and Hinrich Schütze. **Evaluating Word Embeddings in Multi-label Classification Using Fine-grained Name Typing**. In Repl4NLP 2018.

Katharina Kann and Hinrich Schütze. **Unlabeled Data for Morphological Generation With Character-Based Sequence-to-Sequence Models**. In SCLeM 2017.

Huiming Jin and Katharina Kann. Exploring Cross-Lingual Transfer of Morphological Knowledge In Sequence-to-Sequence Models. In SCLeM 2017.

Katharina Kann and Hinrich Schütze. The LMU System for the CoNLL-SIGMORPHON 2017 Shared Task on Universal Morphological Reinflection. In CoNLL–SIGMORPHON 2017.

Toms Bergmanis, Katharina Kann, Hinrich Schütze and Sharon Goldwater. **Training Data Augmentation for Low-Resource Morphological Inflection**. In CoNLL–SIGMORPHON 2017.

Katharina Kann and Hinrich Schütze. **MED: The LMU system for the SIGMORPHON 2016 shared task on morphological reinflection**. In SIGMORPHON 2016.

Invited publications

Atul Kr Ojha, Chao-Hong Liu, Katharina Kann, John Ortega, Sheetal Shatam, Theodorus Fransen. **Findings of the LoResMT 2021 Shared Task on COVID and Sign Language for Low-resource Languages**. In LoResMT 2021.

Adam Wiemerslage, Arya McCarthy, Alexander Erdmann, Garrett Nicolai, Manex Agirrezabal, Miikka Silfverberg, Mans Hulden, and Katharina Kann. Findings of the SIGMORPHON 2021 Shared Task on Unsupervised Morphological Paradigm Clustering. In SIGMORPHON 2021.

Manuel Mager, Arturo Oncevay, Abteen Ebrahimi, John Ortega, Annette Rios, Angela Fan, Ximena Gutierrez-Vasques, Luis Chiruzzo, Gustavo Giménez-Lugo, Ricardo Ramos, Ivan Vladimir Meza Ruiz, Rolando Coto-Solano, Alexis Palmer, Elisabeth Mager-Hois, Vishrav Chaudhary, Graham Neubig, Ngoc Thang Vu, and Katharina Kann. Findings of the AmericasNLP 2021 Shared Task on Open Machine Translation for Indigenous Languages of the Americas. In AmericasNLP 2021.

Katharina Kann\*, Arya D. McCarthy\*, Garrett Nicolai and Mans Hulden. **The SIGMORPHON 2020 Shared Task on Unsupervised Morphological Paradigm Completion**. In SIGMORPHON 2020.

Ryan Cotterell, Christo Kirov, John Sylak-Glassman, Géraldine Walther, Ekaterina Vylomova, Arya D. McCarthy, Katharina Kann, Sebastian Mielke, Garrett Nicolai, Miikka Silfverberg, David Yarowsky, Jason Eisner and Mans Hulden. Søgaard. **The CoNLL--SIGMORPHON 2018 Shared Task: Universal Morphological Reinflection**. In CoNLL-SIGMORPHON 2018.

Unpublished manuscripts

Katharina Kann. **Grammatical Gender, Neo-Whorfianism, and Word Embeddings: A Data-Driven Approach to Linguistic Relativity**. arXiv:1910.09729.

Wenpeng Yin, Katharina Kann, Mo Yu and Hinrich Schütze. **Comparative Study of CNN and RNN for Natural Language Processing**.

arXiv:1702.01923.

## Talks, poster presentations, abstract presentations

**Conference talks** 

02/2020 Learning to Learn Morphological Inflection for Resource-Poor

Languages

Location: New York

Event: AAAI

01/2020 Acquisition of Inflectional Morphology in Artificial Neural Networks With

Prior Knowledge Location: New Orleans

Event: SCiL

11/2019 Towards Realistic Practices In Low-Resource Natural Language

**Processing: The Development Set** 

Location: Hong Kong Event: EMNLP

11/2018 Neural Transductive Learning and Beyond: Morphological Generation in

the Minimal-Resource Setting

Location: Brussels Event: EMNLP

11/2018 Sentence-Level Fluency Evaluation: References Help, But Can Be

Spared!

Location: Brussels Event: CoNLL

06/2018 Fortification of Neural Morphological Segmentation Models for

**Polysynthetic Minimal-Resource Languages** 

Location: New Orleans

Event: NAACL

08/2016 Single-Model Encoder-Decoder with Explicit Morphological

Representation for Reinflection

Location: Berlin Event: ACL

Posters / Abstract Presentations

02/2021 Beilei Xiang, Changbing Yang, Yu Li, Alex Warstadt and Katharina Kann.

CLiMP: A Benchmark for Chinese Language Model Evaluation.

Event: SCiL

11/2020 Manuel Mager and Katharina Kann. Segmentación morfológica neuronal

de lenguas polisintéticas: avances, modelos y retos.

Event: 1er Congreso Internacional de Procesamiento de Lenguaje

Natural para las Lenguas Indígenas (PLNindígenas 2020)

(Mejor ponencia/best presentation award)

08/2020 Diksha Meghwal, Jacer Calixto, Stanislaw Jastrzebski and Katharina Kann.

Can Wikipedia Categories Improve Masked Language Model

Pretraining?

Event: WiNLP Workshop (at ACL)

06/2018 Katharina Kann\*, Manuel Mager\*, Ivan Vladimir Meza Ruiz and Hinrich

Schütze. Neural Morphological Segmentation for Polysynthetic

Minimal-Resource Languages.
Event: WiNLP Workshop (at NAACL)

12/2017 Katharina Kann\*, Jesus Manuel Mager Hois\*, Ivan Vladimir Meza Ruiz and

Hinrich Schütze. Improving Neural Morphological Segmentation for

Polysynthetic Minimal-Resource Languages.

Event: LLD Workshop (at NeurIPS)

08/2017 Katharina Kann, Ryan Cotterell and Hinrich Schütze. Multi-task Training for

Morphological Inflection.

Event: WiNLP Workshop (at ACL)

Workshop talks

07/2020 The SIGMORPHON 2020 Shared Task on Unsupervised Morphological

**Paradigm Completion** 

Location: online

**Event: SIGMORPHON** 

07/2018 Character-level Supervision for Low-resource POS Tagging

Location: Melbourne Event: DeepLo

Invited talks

06/2022 NLP for Indigenous Languages of the Americas: Transfer Learning

Meets Translation Location: Online

**Event: ALTNLP Workshop** 

05/2022 Morphological Paradigms from the Bible: the Why and the How

Location: City University of New York

Host: Kyle Gorman

05/2022 Natural Language Processing for Truly Low-resource Languages:

Successes, Challenges, and Open Questions Location: Technical University of Darmstadt

Host: Iryna Gurevych

10/2021 Towards Natural Language Processing Systems for All Languages and

Tasks

Location: University of Oregon (online)

Event: UO Linguistics Department Colloquium Series

07/2021 Towards Natural Language Processing Systems for All Languages and

**Tasks** 

Location: Saarland University (online) Event: Language Science Colloquium

04/2021 Towards Natural Language Processing Systems for All Languages and

Tasks

Event: VarDial 2021 Workshop

04/2021 Towards Natural Language Processing Systems for All Languages and

**Tasks** 

Location: University of Colorado Boulder (online)

Event: Technology, Cybersecurity, Policy (TCP) Seminar

10/2019 Morphological Generation in the Limited-Resource Setting

Location: University of Pennsylvania

Host: Sihao Chen

10/2019 Transfer Learning for Low-Resource Natural Language Processing

Location: CIMAT, Guanajuato

Event: PLAGAA

Host: Adrian Pastor López Monroy

07/2019 Morphological Generation in the Limited-Resource Setting

Location: Universität Stuttgart

Host: Jonas Kuhn

03/2019 Morphological Generation in the Limited-Resource Setting

Location: IBM Zurich Host: Jasmina Bogojeska

03/2019 Morphological Generation in the Limited-Resource Setting

Location: Google Zurich Host: Aliaksei Severyn

02/2019 Morphological Generation in the Limited-Resource Setting

Location: University of Colorado

Host: Martha Palmer

02/2019 Morphological Generation in the Limited-Resource Setting

Location: Carnegie Mellon University

Host: Yulia Tsvetkov

07/2018 Low-resource Morphological Generation with Sequence-to-Sequence

Models

Location: University of Melbourne

Host: Daniel Beck

10/2017 Low-resource Morphological Generation with Sequence-to-Sequence

Models

Location: New York University

Hosts: Sam Bowman and Kyunghyun Cho

10/2017 Low-resource Morphological Generation with Sequence-to-Sequence

Models

Location: Johns Hopkins University

Host: David Yarowsky

09/2017 Neural Sequence-to-Sequence Models for Low-Resource Morphology

Location: University of Copenhagen

Host: Anders Søgaard

**Invited lightning** 

talks

10/2019 Low-Resource Languages: A Challenge for Natural Language

**Processing** 

Location: University of Michigan Event: Michigan Al Symposium

Host: Jenna Wiens