CoNLL

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Program for CoNLL 2024

Day 1 (Friday, Nov 15, 2024):

09:00 – 09:10: Opening Remarks

09:10 – 10:30: Keynote 1: Lorna Quandt

10:30 – 11:00: Coffee Break

11:00 – 12:30: Oral Session 1: Psycholinguistic Session (chair: Libby Barak)

- **Leveraging a Cognitive Model to Measure Subjective Similarity of Human and GPT-4 Written Content**

  Tyler Malloy, Maria José Ferreira, Fei Fang, Cleotilde Gonzalez

- **SPAWNing Structural Priming Predictions from a Cognitively Motivated Parser**

Grusha Prasad, Tal Linzen

- **Lossy Context Surprisal Predicts Task-Dependent Patterns in Relative Clause Processing**

  Kate McCurdy, Michael Hahn

- **Multimodal Large Language Models "Foresee" Objects Based on Verb Information But Not Gender**

  Shuqi Wang, Xufeng Duan, Zhenguang Cai

12:30 – 13:45: Lunch

13:45 – 15:30: Poster Session 1

15:30 – 16:00: Coffee Break

16:00 – 17:30: Oral Session 2: Syntax and Structure Session (chair: Omri Abend)

- **Is Structure Dependence Shaped for Efficient Communication?: A Case Study on Coordination**

  Kohei Kajikawa, Yusuke Kubota, Yohei Oseki

- **NeLLCom-X: A Comprehensive Neural-Agent Framework to Simulate Language Learning and Group Communication**

  Yuchen Lian, Tessa Verhoef, Arianna Bisazza

- **Solving the Challenge Set without Solving the Task: On Winograd Schemas as a Test of Pronominal Coreference Resolution**

  Ian Porada, Jackie CK Cheung

- **Global Learning with Triplet Relations in Abstractive Summarization**

  Jiaxin Duan, Fengyu Lu, Junfei Liu

Day 2 (Saturday, Nov 16, 2024):

09:00 – 09:10: Best Paper Awards

09:10 – 10:30: Keynote 2: Thamar Solorio

10:30 – 10:45: Coffee Break

10:45 – 12:15: Oral Session 3: LLM Session (Chair: Malihe Alikhani)

- **Global-Pruner: A <mark>Stable and Efficient Pruner</mark> for Retraining-Free Pruning of Encoder-Based Language Models**

  Guangzhen Yao, Sandong Zhu, Long Zhang, MiaoQI

- **Investigating large language models for their competence in extracting grammatically sound sentences from transcribed noisy utterances**

  Alina Wróblewska

- **The Effect of Word Predictability on Reading Times in Information Seeking and Repeated Reading**

  Keren Gruteke Klein, Yoav Meiri, Omer Shubi, Yevgeni Berzak

- **<mark>Multi-Cultural Norm Base: F</mark>rame-based Norm Discovery in Multi-Cultural Settings**

  Viet Thanh Pham, SHILIN QU, Farhad Moghimifar, Suraj Sharma, Yuan-Fang Li, Weiqing Wang, Reza Haf

12:15 – 13:45: Lunch

13:45 – 15:00: Poster Session 2

15:00 – 15:30: BabyLM Challenge (oral session)

15:30 – 16:00: Coffee Break

16:00 – 17:20: BabyLM Challenge (poster session)

17:20 – 17:30: Closing Remarks

- All times are given in local time, which is in Miami, Florida, Eastern Time (ET).

Poster Sessions:

- **Text2Afford: Probing Object Affordance Prediction abilities of Language Models solely from Text**
  Sayantan Adak, Daivik Agrawal, Animesh Mukherjee, Somak Aditya

- **Transformer verbatim in-context retrieval across time and scale**
  Kristijan Armeni, Marko Pranjić, Senja Pollak

- **Of Models and Men: Probing Neural Networks for Agreement Attraction with Psycholinguistic Data**
  Maxim Bazhukov, Ekaterina Voloshina, Sergey Pletenev, Arseny Anisimov, Oleg Serikov, Svetlana Toldova

- **How Are Metaphors Processed by Language Models? The Case of Analogies**
  Joanne Boisson

- **AIStorySimilarity: Quantifying Story Similarity Using Narrative for Search, IP Infringement, and Guided Creativity**
  Jon Chun

- **Explaining the Hardest Errors of Contextual Embedding Based Classifiers**
  Claudio Moisés Valiense de Andrade, Washington Cunha, Guilherme Fonseca, Ana Clara Souza Pagano, Luana de Castro Santos, Adriana Silvina Pagano, Leonardo Chaves Dutra da Rocha, Marcos André Gonçalves

- **EditEval: An Instruction-Based Benchmark for Text Improvements**
  Jane Dwivedi-Yu, Timo Schick, Zhengbao Jiang, Maria Lomeli, Patrick Lewis, Gautier Izacard, Edouard Grave, Sebastian Riedel, Fabio Petroni

- **Advancing Arabic Sentiment Analysis: ArSen Benchmark and the Improved Fuzzy Deep Hybrid Network**
  Yang Fang, Cheng Xu, Shuhao Guan, Nan Yan, Yuke Mei

- **Critical Questions Generation: Motivation and Challenges**

Blanca Calvo Figueras, Rodrigo Agerri

- **Generalizations across filler-gap dependencies in neural language models**
  Katherine Howitt, Sathvik Nair, Allison Dods, Robert Melvin Hopkins

- **Continuous Attentive Multimodal Prompt Tuning for Few-Shot Multimodal Sarcasm Detection**
  Soumyadeep Jana, Animesh Dey, Ranbir Singh Sanasam

- **Aligning Alignments: Do Colexification and Distributional Similarity Align as Measures of cross-lingual Lexical Alignment?**
  Taelin Karidi, Eitan Grossman, Omri Abend

- **On Functional Competence of LLMs for Linguistic Disambiguation**
  Raihan Kibria, Sheikh Intiser Uddin Dipta, Muhammad Abdullah Adnan

- **TpT-ADE: Transformer Based Two-Phase ADE Extraction**
  Suryamukhi Kuchibhotla, Manish Singh

- **PRACT: Optimizing Principled Reasoning and Acting of LLM Agent**
  Zhiwei Liu, Weiran Yao, Jianguo Zhang, Zuxin Liu, Liangwei Yang, Rithesh R N, Tian Lan, Ming Zhu, Juntao Tan, Shirley Kokane, Thai Quoc Hoang, Juan Carlos Niebles, Shelby Heinecke, Huan Wang, Silvio Savarese, Caiming Xiong

- **Mitigating Bias in Language Model Evaluators: A Causal ATE Approach**
  Rahul Madhavan, Kahini Wadhawan

- **Words That Stick: Using Keyword Cohesion to Improve Text Segmentation**
  Amit Maraj, Miguel Vargas Martin, Masoud Makrehchi

- **An Empirical Comparison of Vocabulary Expansion and Initialization Approaches For Language Models**
  Nandini Mundra, Aditya Nanda Kishore Khandavally, Raj Dabre, Ratish Puduppully, Anoop Kunchukuttan, Mitesh M Khapra

- **Revisiting Hierarchical Text Classification: Inference and Metrics**
  Roman Plaud, Matthieu Labeau, Antoine Saillenfest, Thomas Bonald

- **Image-conditioned human language comprehension and psychometric benchmarking of visual language models**
  Subha Nawer Pushpita, Roger P. Levy

- **Large Language Model Recall Uncertainty is Modulated by the Fan Effect**
  Jesse Roberts, Kyle Moore, Douglas Fisher, Oseremhen Ewaleifoh, Thao Pham

- **Self-supervised speech representations display some human-like cross-linguistic perceptual abilities**

Joselyn Rodriguez, Kamala Sreepada, Ruolan Leslie Famularo, Sharon Goldwater, Naomi Feldman

- **One-Vs-Rest Neural Network English Grapheme Segmentation: A Linguistic Perspective**
  Samuel Rose, Nina Dethlefs, C. Kambhampati

- **CrowdCounter: <mark>A benchmark type-specific multi-target counterspeech</mark> dataset**
  Punyajoy Saha, Abhilash Datta, Abhik Jana, Animesh Mukherjee

- **Translating Across Cultures: LLMs for I<mark>ntralingual Cultural Adaptation</mark>**
  Pushpdeep Singh, Mayur Patidar, Lovekesh Vig

- **Making <mark>Distilled L</mark>anguage Models Even Smaller: Lightweight Reconstruction of Rare Token Embeddings**
  Kohki Tamura, Naoki Yoshinaga, Masato Neishi

- **A <mark>Novel Instruction Tuning</mark> Method for Vietnamese Math Reasoning using Trainable Open-Source Large Language Models**
  Nguyen Quang Vinh, Thanh-Do Nguyen, Vinh Van Nguyen, Nam Khac-Hoai Bui

- **Information Association for Language Model Updating by <mark>Mitigating LM-Logical Discrepanc</mark>y**
  Pengfei Yu, Heng Ji

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