

Special Issue

Large Language Models and Eye Tracking

Message from the Guest Editors

The convergence of LLM research and eye movement analysis opens exciting avenues for understanding reading behavior, evaluating models, enabling human-AI interaction, developing adaptive interfaces, and analyzing multimodal behavioral patterns. Topics of interest include, but are not limited to:

- Using eye tracking to assess elements of cognition and engagement with LLM interfaces.
- Using eye tracking to assess reading strategies and interfaces during model output evaluation.
- Using eye tracking to enhance language model training and alignment.
- Adaptive language generation systems informed by gaze metrics.
- Integrating eye movement data with LLMs for improved reading and comprehension.
- Applications in reading research, education, human-computer interaction, and accessibility.

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