

Task Supportive and Personalized Human-Large Language Model Interaction:

A User Study

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Background
 ChatGPT's release has generated significant interest in human-Al interaction.

 Various purposes rise: task assistance, entertainment, education, search engine alternative.

2 O Unsolved Problems
Users have challenges in initializing and refining prompts
Users have cognitive barriers and biased perceptions in the usefulness of ChatGPT's output and the task completion

Acknowledgment

IIS-2106152 Microsoft for Startups Founders Hub Users conduct their own tasks using ChatGPT with suggestions: How can ChatGPT help you perform the task by initializing the conversation, or predicting your next question, or revising your prompt, or adapting its answer...



and user cognitive aspects

- Task familiarity
- Expectations of task complexity, outcomes, and effort)

affect user interactions in information-seeking and problemsolving tasks with LLMs.

