

	Code	Definition
<i>Where have LLMs been applied in CHI papers?</i>		
Application Domains	<u>Communication & Writing</u>	On various writing and communication tasks, which often target writers as the primary user groups.
	<u>Augmenting Capabilities</u>	On technologies to enhance human performance and productivity, often in the physical world.
	<u>Education</u>	On learning experiences for students and pedagogical methods for educators.
	<u>Responsible Computing</u>	On ethical and societal implications of computational systems, particularly in high-stakes domains.
	<u>Programming</u>	On various aspects of software development and programming tasks.
	<u>Reliability & Validity of LLMs</u>	On evaluating and improving LLM outputs themselves.
	<u>Well-being & Health</u>	On managing health-related disorders/illnesses, or interactions with health data or healthcare providers.
	<u>Design</u>	On various types of design work, which often target designers as the primary user group.
	<u>Accessibility & Aging</u>	On population with disabilities and older adults.
	<u>Creativity</u>	On the creativity process and creativity support tools, which often overlaps with other domains.
<i>How do CHI papers leverage these models?</i>		
LLM Roles	<u>LLMs as system engines</u>	LLMs function as core elements within systems, prototypes, algorithms, and programming frameworks.
	<u>LLMs as research tools</u>	LLMs perform research tasks traditionally executed by researchers in a research project, such as data collection, analysis, and writing.
	<u>LLMs as participants & users</u>	LLMs simulate human responses and behaviors, or act as users or participants in an interaction.
	<u>LLMs as objects of study</u>	LLMs' inner mechanism, properties, performance are evaluated.
	<u>Users' perceptions of LLMs</u>	LLMs or tools (e.g., ChatGPT) are studied to understand user perceptions in different contexts.
<i>What are the concerns by the authors at CHI?</i>		
Limitations & Risks	<u>Limitations on LLM Performance</u>	Limitations specifically on the LLM capability to output the desired output. This includes <i>LLM bias toward different groups, limited data coverage in the training data, non-deterministic response, hallucination, unspecific errors and biases</i>
	<u>Limitations on Research Validity</u>	Limitations to the extent which an instrument measures what it claims to measure in the paper. This includes internal and/or external validity across users, contexts, models, and prompts.
	<u>Limitations on Resource</u>	Limitations on computational and financial resources to open or closed source LLMs. This includes <i>computational cost, financial cost, lack of evaluation standards</i>
	<u>Risks to Society</u>	Potential negative and long-term outcomes, risks, or unintended effects may arise from the artifact or study. This includes <i>economic harms, representational harms, misinformation harms, malicious use, hate speech, and environmental harms</i> .

Table 1: Domains where LLM applications are developed, roles of LLMs in HCI projects, and acknowledged risks and limitations. Note that we did not include contribution types in this table. A paper can have *multiple* (sub-)codes.