



Design of Experiments for AI-Human Interaction

Workshop for Researchers
Friday, May 9

The rapid advancement of AI tools has prompted many to ask, “Can these tools assist me?” and “How can I effectively utilize them in scientific research?” We believe that addressing these questions requires a systematic and scientific approach, guided by the principles of statistical design of experiments.

The **Design of Experiments for AI-Human Interaction workshop** will convene local experts from Los Alamos and Sandia National Labs across the fields of statistics, computer science, social science, and cognitive science. Together, we will explore best practices for systematically collecting and analyzing data to enhance our understanding of the Human-AI interface. The workshop will offer a unique platform to assess the current state of the field, exchange insights on cutting-edge developments, and identify both applied and theoretical research opportunities.

Friday, May 9, 2025 | 10:00 a.m.–4:30 p.m.

CNLS Conference Room (TA03-1690-102)

Seating is limited.

For more information, contact **Nick Hengartner (T-6) | nickh@lanl.gov**