

AI4Research Poster Board Assignments

Left and Right are from the attendee's perspective while facing the numbered board. Each numbered board carries two posters. **See the board-location map on page 2.**

Board	Left side	Right side
2314	Left - Submission ID 7 Conformal Risk Control for AI-Assisted Mathematical Derivations: A Workflow with Finite-Sample Correctness Guarantees	Right - Submission ID 8 BRIDGE: Building Representations in Domain-Guided Verified Program Synthesis
2315	Left - Submission ID 12 Agent-Native Research Artifacts: A Reproducible Workflow for AI-Assisted Research	Right - Submission ID 15 An Auditable Harness for AI-Assisted Lean Formalization: Pilot Logs from Finite Differential Privacy
2400	Left - Submission ID 19 Socrates: Structured Questioning Unlocks Latent Knowledge in AI Research Agents	Right - Submission ID 26 SIA-W: Self-Improving Agents with Test-Time Weight Updates
2401	Left - Submission ID 64 Can Large Language Models Truly Forget Scientific Claims? A Systematic Evaluation of Claim Level Unlearning	Right - Submission ID 81 Adaptive Proxy Evaluation for Autonomously Improving ML Agents
2402	Left - Submission ID 44 Atelier: A Human-Owned Protocol for Auditable AI-Assisted Research	Right - Submission ID 6 AiBuildAI: An AI Agent for Automatically Building AI Models
2403	Left - Submission ID 18 Continuous Knowledge Metabolism: Generating Scientific Hypotheses from Evolving Literature	Right - Submission ID 27 Read, Grep, and Synthesize: Diagnosing Cross-Domain Seed Exposure for LLM Research Ideation
2404	Left - Submission ID 32 Accelerating Hyperparameter Tuning for YOLO-Based Endangered Sea Turtle Classification via an LLM-Agent Recommendation	Right - Submission ID 41 Claudini: Autoresearch Discovers State-of-the-Art Adversarial Attack Algorithms for LLMs
2405	Left - Submission ID 46 Negative Knowledge as Failure-aware Shared Memory for AutoResearch	Right - Submission ID 67 AutoCircuit: Agentic Pareto Front Exploration for Analog Circuit Designs
2406	Left - Submission ID 75 From 46 Heterogeneous Star Catalogs to One Unified Age Database: An AI-Assisted Curation Workflow	Right - Submission ID 84 QuantumQUBO Agent: Automating Quadratic Unconstrained Binary Optimization (QUBO) Formulation Generation from Natural Language
2407	Left - Submission ID 20 A Prompting Workflow and a Use Case in Mathematical Statistics	Right - Submission ID 29 The Agentic Researcher: A Practical Guide to AI-Assisted Research in Mathematics and Machine Learning
2408	Left - Submission ID 33 Open-Ended Task Discovery via Bayesian Optimization	Right - Submission ID 39 Library Before Proof: Making LLM-Generated Rocq Usable by Mathematicians
2409	Left - Submission ID 40 Counting Cycles with AI	Right - Submission ID 43 GoodPoint: Learning Constructive Scientific Paper Feedback from Author Responses
2410	Left - Submission ID 45 JAXBench: Benchmarking Autonomous TPU Kernel Optimization	Right - Submission ID 47 CRAFT: Counterexample-guided Repair And Falsification of Theorems in ML and Optimization
2411	Left - Submission ID 59 Human-AI Hybrid Mathematical Discovery Workflow: Unifying Ramanujan's 17 Series for 1/Pi	Right - Submission ID 60 Agent-Based Auditing of Mathematical Proofs in Research Papers
2412	Left - Submission ID 61 Lacuna: A Research Map for Machine Learning Problem Formulation	Right - Submission ID 66 The Interaction Tax: Communication Erases Diversity in Multi-Agent Teams
2413	Left - Submission ID 80 Finding Simple Proofs for First-Order Optimization	Right - Submission ID 83 Causal AI Scientist: Towards End-to-End Causal Inference with Large Language Models
2414	Left - Submission ID 86 Peppy: An AI-Assisted Workflow for Tight Convergence Analysis of Optimization Algorithms	Right - Submission ID 90 A Human-guided AI approach for Symbolic Cumulant Calculation
2415	Left - Submission ID 88 AlphaApollo: A System for Deep Agentic Reasoning	Right - Submission ID 92 Reasoning Is More Than the Model: Harness-Aware Evaluation of Agents on Verifiable Reasoning Tasks
2500	Left - Submission ID 30 QUIT: A Human-in-the-Loop Platform for AI Research Automation	Right - Submission ID 52 Accelerating mathematical research with language models: A case study of an interaction with GPT-5-Pro on a convex analysis problem

813 Presenting Sides

Friday workshop: AI as a Tool for Mathematics
Boards 2314-2315, 2400-2415, 2500



1F Hall A