The 1st International Workshop on Composable Resilience on Agentic AI (CRAI 2026)

Co-located with the 56th Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN)
Date: June 22-25, 2026, Location: Charlotte, NC, USA

Call for Papers

CRAI 2026 focuses on making agentic AI systems dependable and secure through a systems-oriented, compositional approach: decomposing agentic workflows into analyzable modules with explicit interfaces, fault boundaries, and verifiable properties.

We invite submissions on composable resilience for agentic AI, bridging AI dependability with DSN principles (fault tolerance, verification, monitoring, security).

Theme: "From Monolithic Brittleness to Composable Trust"

- **Compositional Architectures & Software Engineering:** modular agentic workflows, verified orchestration layers, sandboxing and isolation, metrics
- **Resilience, Fault Tolerance & Consensus:** fault tolerance, redundancy patterns in reasoning, self-healing, fail safe defaults and graceful degradation
- **Formal Verification & Runtime Assurance:** compositional verification, runtime monitoring of behavioral drift, neurosymbolic verification, model based V&V for agents
- **Security, Privacy & Ethics:** secure agent-to-agent communication, privacy-preserving tool interaction, adversarial defenses, ethical compliance & auditability
- **Domain-Specific Resilient Agents:** Agents in Cyber-Physical Systems: Reliability of agents managing power grids, medical devices, or smart manufacturing units. Dependable real-time decision-making and sensor fusion for multi-agent traffic coordination

Submission:
April 10, 2026

Notification:
April 20, 2026

Camera-ready:
April 27, 2026

For More Info

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https://crai-ws.org