

Editorial

We present this second issue of the journal with the below described research.

In the opening paper, “**Evaluating the Impact of Extraneous Memory Accesses on Intranode MPI Communication Performance**,” the authors studied how extraneous memory accesses (EMAs) impact message-passing interface (MPI) communication performance within a single computing node. They used a custom microbenchmark called PaMPick, the study tested the effects of EMAs occurring at both the sending and receiving processes. They are able to model disruption scenarios using graph-based representations of agent connections and task dependencies.

In the next paper, “**Infiltration and Regulation: Strategies for Disrupting Goal-Oriented Teams**,” the authors investigated how multi agents be disrupted by adversarial agents or regulatory interventions. They model the disruption scenarios using graph-based representations of agent connections and task dependencies.

In the final paper, “**Designing Flexible Auction Protocols with Jason Agents in Automated Negotiation**,” the authors presented a prototype for a Generic Negotiation Protocol (GNP) aimed at automating auction-based negotiations using declarative programming. Their models include three agent roles: Auction Service (AS), Auction Host (AH), and Auction Participant (AP). They explained how the declarative approaches can building flexible and extensible automated negotiation systems.

We hope these papers are interesting to read.

Editors