

Preliminary Program

08:45 - 09:00 Workshop Welcome

9:00 - 10:00 Keynote:

Shlomi Dolev
Beyond Crash Resilient Replicated State Machine

10:00 - 10:30 Coffee Break

10:30 - 12:00 Session 1: Distributed Services

Mourad Elhadef
A Game Theoretic Approach for Diagnosing Faults in Asymmetric Comparison-based Distributed and Parallel Systems

Brendan Benshoof, Andrew Rosen, Anu Bourgeois and Robert Harrison
Distributed Decentralized Domain Name Service

Kaliappa Ravindran
Management Software for Protocol-level Adaptations in Dependable Network Services

12:00 - 13:30 Lunch Break

13:30 - 15:00 Session 2: Cloud and Fault Tolerance

Soham Sinha, Di Niu, Zhi Wang and Paul Lu
Mitigating Routing Inefficiencies to Cloud-Storage Providers: A Case Study

Roberto Palmieri
Leaderless Consensus: the State of the Art

Alessandro Pellegrini, Pierangelo Di Sanzo, and Dimiter R. Avresky
Proactive Cloud Management for Highly Heterogeneous Multi-Cloud Infrastructures

15:00 - 15:30 Coffee Break

15:30 - 16:30 Session 3: Multicore Computing

Vishal Sharma, Ganesh Gopalakrishnan and Sriram Krishnamoorthy
Towards Resiliency Evaluation of Vector Programs

Gilles Bizot, Dimiter Avresky and Fabien Chaix
Analysis of Adaptive Mapping of Parallelized Application on Multicore System

16:30 - 16:40 Concluding Remarks