

ApPLIED Workshop, June 17, 2024

Time	Chair	Authors	Title
8:55 CET		Ioannis Chatzigiannakis and Vincent Gramoli (PC co-chairs)	Opening session
9:00 CET	Vincent Gramoli	Christian Cachin (University of Bern, Switzerland)	[Keynote] Consensus in Blockchains: Theory and Practice
10:00 CET		Stefan Schmid (TU Berlin) and Dmitry Shestakov (TU Berlin)	[Invited Paper] Blockchain Governance and Liquid Democracy -- Quantifying Decentralization in Bitcoin and Internet Computer
10:30 CET		COFFEE	BREAK
10:50 CET	Ioannis Chatzigiannakis	M. Féry (LS2N/Nantes Université, France), V. Kowalski (LS2N/Nantes Université, France), F. Monsion (LS2N/Nantes Université, France), A. Mostefaoui (LS2N/Nantes Université, France), S. Pénauld (LS2N/Nantes Université, France), M. Perrin (LS2N/Nantes Université, France), and G. Poignant (LS2N/Nantes Université, France)	[Invited Paper] Causal Mutual Byzantine Broadcast
11:20 CET		Victor Casamayor Pujol (TU Wien), Boris Sedlak (TU Wien), Yanwei Xu (TU Wien), Praveen Kumar Donta (TU Wien), and Schahram Dustdar (TU Wien)	[Invited Paper] DeepSLOs for the Computing Continuum
11:50 CET		Jinfeng Dou (Paderborn University) and Christian Scheideler (Paderborn University)	[Invited Paper] Blockchains made Lightweight: A Median Rule for State Machine Replication
12:05 CET		Lukas Stratmann (TU Berlin), Ngoc Chi Banh (Paderborn University), Ingrid Scharlau (Paderborn University), and Falko Dressler (TU Berlin, Germany)	[Invited Paper] Safety Assistance Systems for Bicyclists: Toward Empirical Studies of the Dooring Problem
12:20 CET		Lunch	BREAK

ApPLIED Workshop, June 17, 2024

Time	Chair	Authors	Title
14:00 CET	Miguel Matos	Mohammad Moridi (University of Waterloo) and Wojciech Golab (University of Waterloo)	Snapshotting Mechanisms for Persistent Memory-Mapped Files
14:30 CET		Ahmed Fahmy (University of Waterloo), Adrian Jendo (University of Waterloo), and Wojciech Golab (University of Waterloo)	The Illusive Failure-Atomic Double-Width Compare-And-Swap
14:45 CET		Ravil Galiev (ITMO University), Michael Spear (Lehigh University), and Vitaly Aksenov (City, University of London)	The Next 700 Benchmarking Frameworks for Concurrent Data Structures
15:15 CET		Bastian Havers (Chalmers University of Technology and Volvo Car Corporation), Marina Papatriantafilou (Chalmers University of Technology), and Vincenzo Gulisano (Chalmers University of Technology)	Research Summary: Enhancing Localization, Selection, and Processing of Data in Vehicular Cyber-Physical Systems
15:30 CET		COFFEE	BREAK
16:00 CET	Elad Michael Schiller	Chryssis Georgiou (University of Cyprus), Nicolas Nicolaou (Algolysis Ltd, Cyprus), and Andria Trigeorgi (University of Cyprus & Algolysis Ltd, Cyprus)	Tracing the Latencies of Ares: A DSM Case Study
16:15 CET		Brahmaiah Gandham (Mahindra University) and Praveen Alapati (Mahindra University)	OCC Pinning: Optimizing Concurrent Computations through Thread Pinning
16:30 CET		Zekai Sun (The University of Hong Kong), Xiuxian Guan (The University of Hong Kong), Junming Wang (The University of Hong Kong), Fangming Liu (Peng Cheng Laboratory, and Huazhong University of Science and Technology), and Heming Cui (The University of Hong Kong)	New Problems in Distributed Inference for DNN Models on Robotic IoT
16:45 CET		Abdalaziz Sawwan (Temple University) and Jie Wu (Temple University)	[Invited Paper] A Combinatorial Multi-Armed Bandit Approach for Stochastic Facility Allocation Problem
17:00 CET		END OF WORKSHOP	