Dr. Akramul Azim

Assistant Professor, Faculty of Engineering and Applied Science at University of Ontario Institute of Technology

Oshawa, ON, CA

Computer science expert, exploring the advantages of state-based communication scheduling and network code in real-time systems

Affiliations

Real-Time Embedded Software Group (RESG), IEEE International Conference on Embedded and Ubiquitous Computing: Program Committee Member, Embedded Systems Letters: Reviewer, ACM Transactions on Embedded Computing Systems: Reviewer

Event Appearances

Generation of communication schedules using component interfaces
20th IEEE International Conference on Emerging Technologies and Factory Automation

D-RES: Correct Transitive Distributed Service Sharing
The Work-in-Progress Session of the Conference on Emerging Technologies and Factory Automation (ETFA)

An Efficient Periodic Resource Supply Model for Workloads with Transient Overloads
25th Euromicro Conference on Real-Time Systems

Css: conditional state-based scheduling for networked control systems
IEEE International Conference on Embedded and Real-Time Computing Systems and Applications

Resolving State Inconsistency in Distributed Fault-Tolerant Real-Time Dynamic TDMA Architectures
16th IEEE International Conference on Emerging Technologies and Factory Automation

Design Choices for High-Confidence Distributed Real-time Software
International Symposium On Leveraging Applications of Formal Methods, Verification and Validation (ISoLA)

A Dynamic Round-Time Based Fixed Low Energy Adaptive Clustering Hierarchy for Wireless Sensor Networks
IEEE 9th Malaysia International Conference on Communications

Cell Database Based Time Specific Resource Reservation Scheme
11th International Conference on Computer and Information Technology

Education

University of Waterloo
PhD Electrical and Computer Engineering

Bangladesh University of Engineering and Technology
MSc Computer Science and Engineering

Islamic University of Technology
BSc Computer Science and Information Technology