



Ramalingam Sridhar

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Research Category: C) System, B) AI, D) Interdisciplinary

Research Area: Computer Architecture, Mobile Computing, Memory Systems and Domain Specific architecture, Power aware solutions, Security

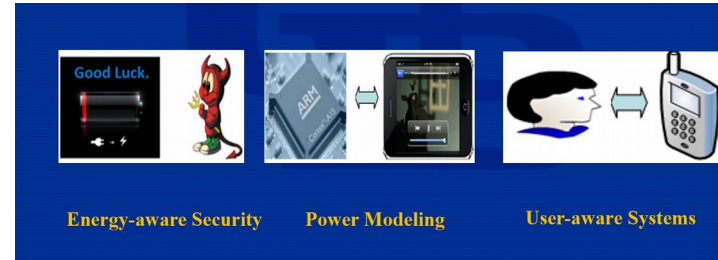
Research Application: Embedded applications, Internet of Things, System on Chip, Hardware/Software solutions

Selected Research Projects:

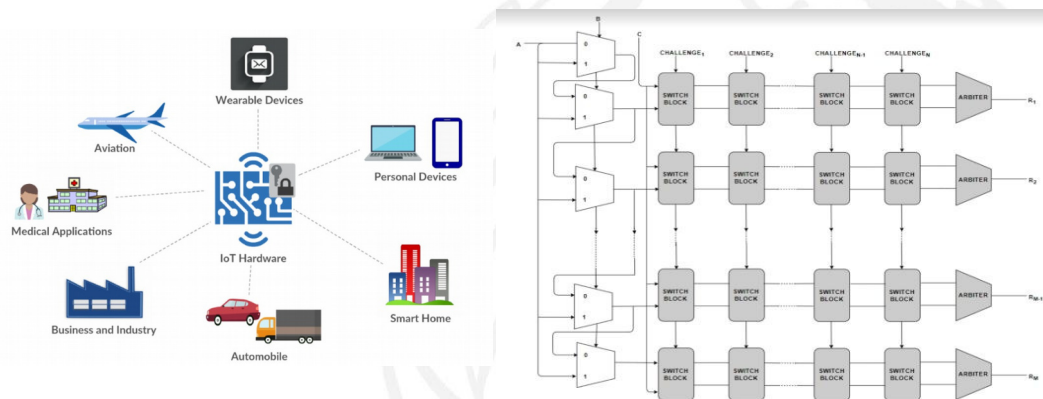
NSF: Power-Performance Tradeoffs for Mobile Devices in Next Generation WiFi Networks

In-Memory Computing System for Energy efficient Accelerators supporting AI and ML Applications

Mobile Computing and Power-aware Customized solutions

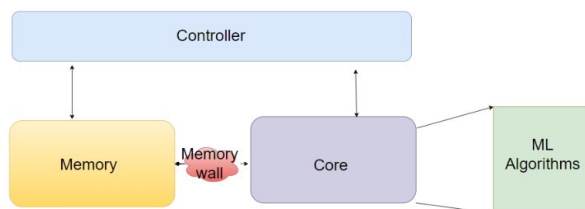


Hardware/Software Security (PUF) in diverse applications



Specialized Memory Architecture for Efficient ML Systems

Conventional Computing Systems



In-Memory Computing

