

## **In-memory computing using memristive devices**

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Today both the technology and the computer architectures are facing severe challenges/walls making them incapable of providing the demanded computing performance. This motivates the need for the exploration of novel architectures based on new device technologies. In this presentation, we will talk about the various challenges with current computing architectures and demonstrate possible solution using emerging RRAM devices. We will further discuss about the logic implementation using memristive devices.