

**Full Name** Sayani Majumdar

**Position** Associate Professor

**Organization** Tampere University

**Email** [sayani.majumdar@tuni.fi](mailto:sayani.majumdar@tuni.fi)

### Personal Link(s)

<https://research.tuni.fi/cmos-and-beyond/>



### Your Target Call

HORIZON-CL4-2027-04-DIGITAL-EMERGING-10 Horizon scanning and foresight in future enabling digital technologies

HORIZON-CL4-2027-04-HUMAN-01 Advanced and Innovative hardware components for Virtual Worlds

### Your Expected Contribution to the Project / Consortium

Hardware development for Memory centric computing for next generation AI

### Biography

Associate Professor of Electrical Engineering at Tampere University, Finland

### Research Areas / Expertise

Non-volatile Memory, In-Memory Computing, Cryogenic Electronics, Advanced Materials, CMOS back-end-of-line integration

### Motivation, Expectation and Plan

Plan research proposal with Korean partners on edge AI and neuromorphic hardware