

It is our great pleasure to welcome you to the *First ACM Workshop on Autonomous and Intelligent Mobile Systems – AIMS 2020*.

The key premise of AIMS builds on the observation that rapid advances in sensing and actuation, communication and networking, embedded and distributed computing, algorithm design (that amplify composition, learning, adaptation, and cognition), and hardware acceleration are fast bringing super intelligent and autonomous systems into our daily lives. The near future holds the promise of electric driverless cars, delivering drones, co-working robots, and humanoids, conversational bots, smart wearables, etc. A major paradigm change is the degree of intelligence and autonomy exhibited by such new systems, operating at proximity to urban environments in general and humans in specific.

The inaugural series of this workshop, *a flagship event of the IMOBILE ACM Chapter (the India Chapter of ACM SIGMOBILE)* aims to address some of the key systems research challenges. We have a great program in place: 1 keynote talk from an eminent scientist in this field, 3 invited talks from science leaders, and 5 peer-reviewed research paper presentations.

On behalf of the organizing committee, Prasant Misra, Amit Saha, and Sandip Chakraborty invite you to be part of this event on the 11th of January 2020 at Hotel Chancery Pavilion in Bangalore, India.



Prasant Misra

TCS Research and Innovation,
Bangalore, India



Amit Kumar Saha

CISCO, India



Sandip Chakraborty

IIT Kharagpur, India