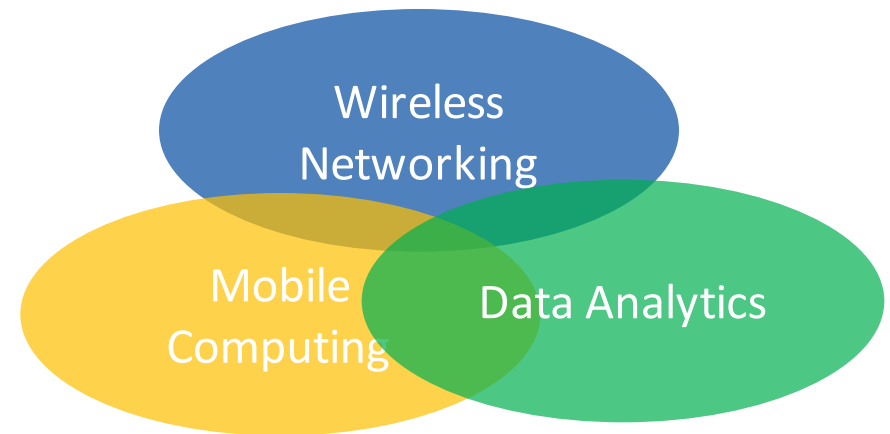
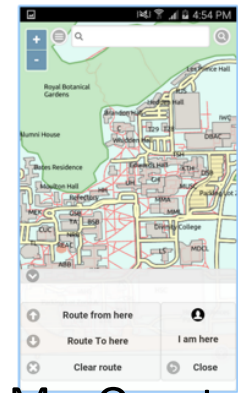


# Wireless System Research Group@McMaster

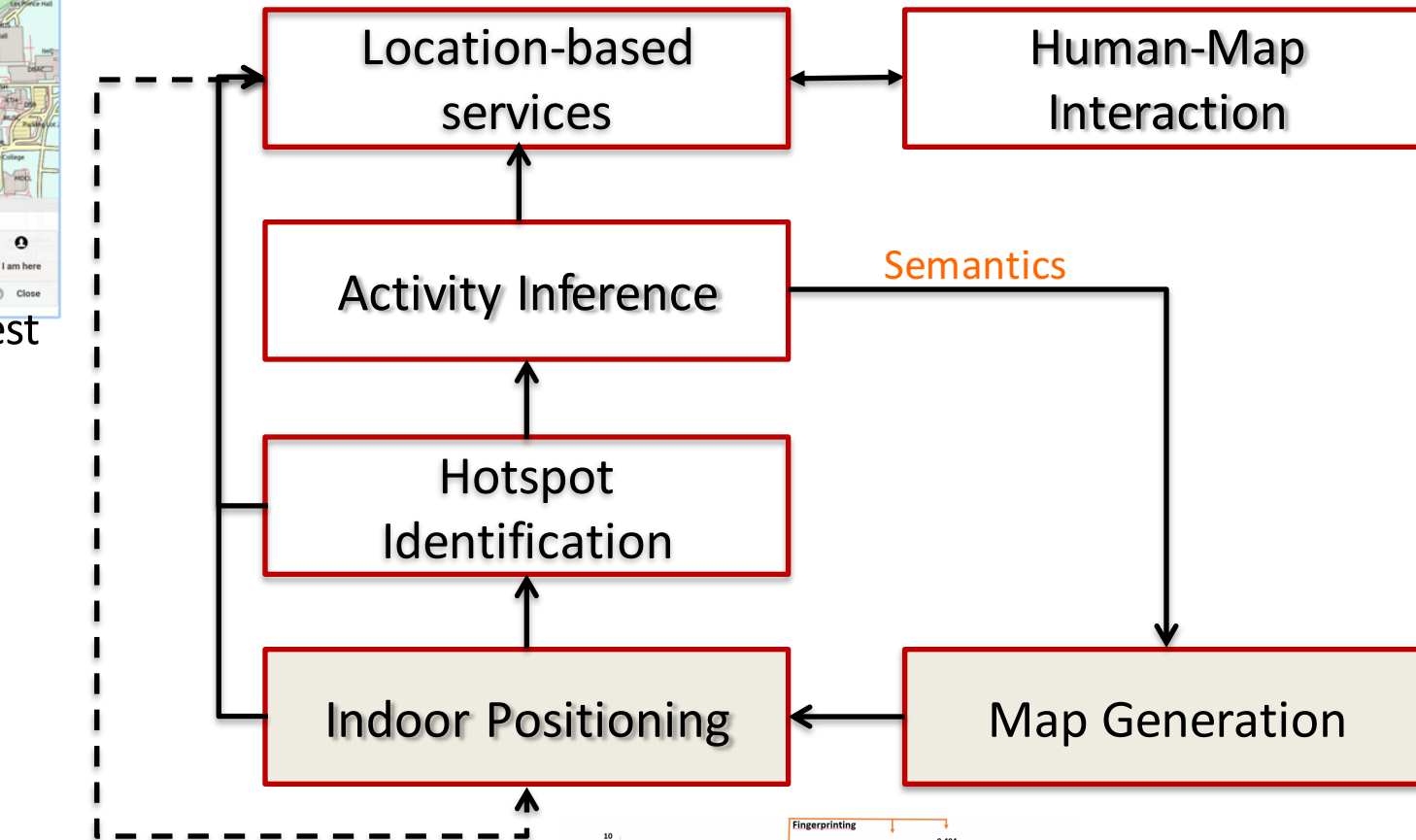
- Members
  - Faculty member: Rong Zheng
  - Current members: 4 PhD students, 2 MS student, 3 M.Eng. students, 3 undergraduate RAs, 1 visiting student, 1 visiting professor
  - Alumni: 5 ½ PhD students, 10 MS students, 5 M.Eng. students, 4 undergraduate RAs
- Major accomplishment (since 2013)
  - Best paper & poster awards
  - 1<sup>st</sup> place in 2017 Microsoft Indoor positioning competition
  - MacQuest app total installs 1000+



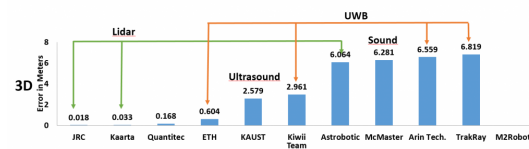
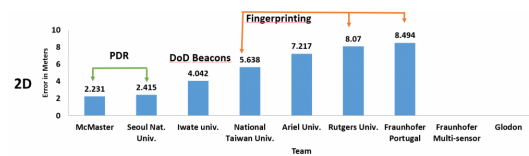
# Project 1: Indoor Positioning and Mapping



MacQuest

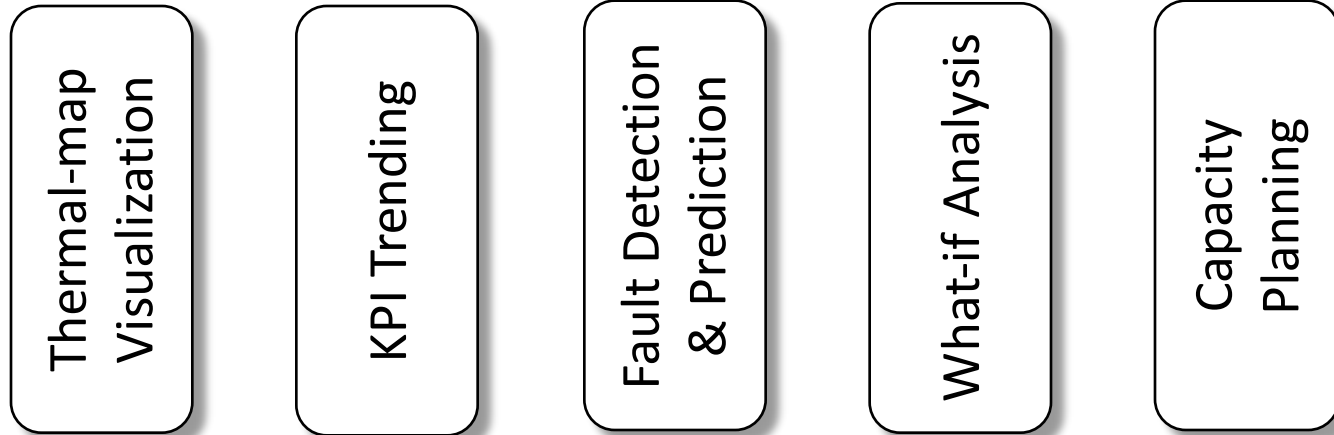


Traces from crowdsourcing

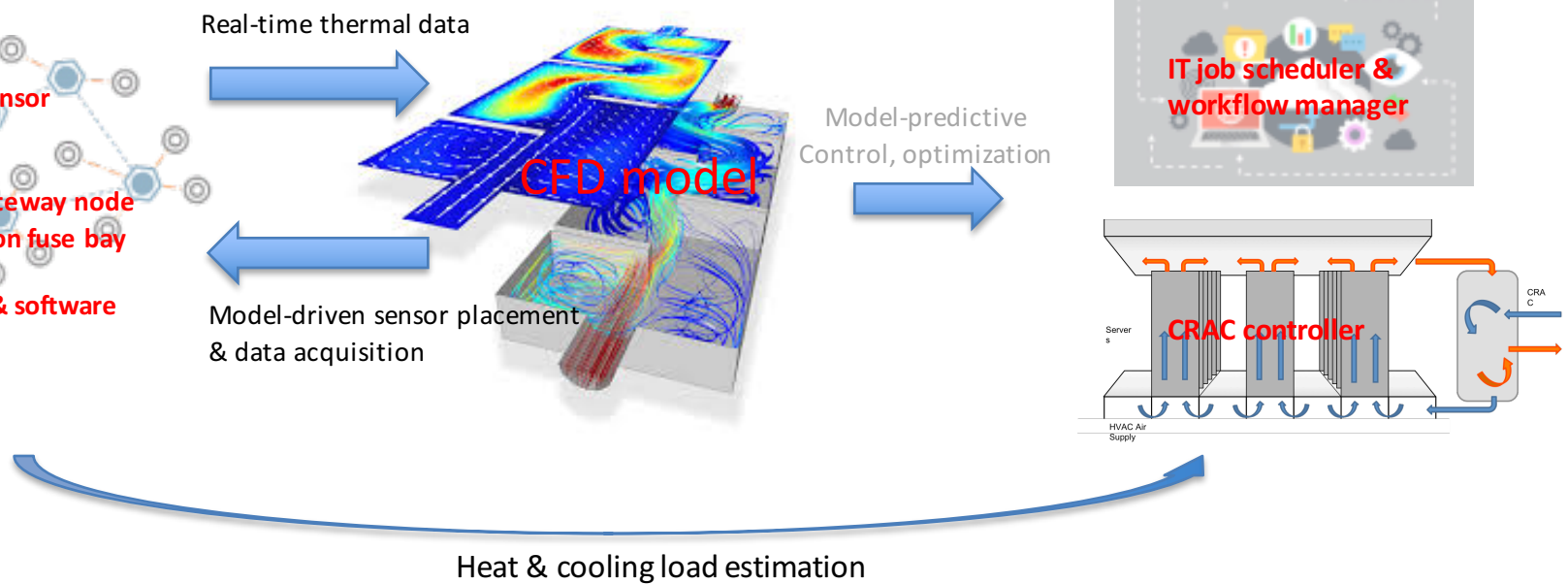


# Project 2: iDCIM: Autonomous Monitoring of Data Center Operations

## DCIM Services



- Rack side Wireless Sensor Networks (WSN)
- Wireless-Ethernet gateway node for battery distribution fuse bay
- On-board hardware & software sensors



# Project 3: ShareCrowd: A Data Exchange Platform for Mobile CrowdSensing

