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- Research Interests:
 - Software-defined Communication Systems
 - Crowd Mobility Analytics
 - Edge Computing
 - Wireless Communications and Networks
 - Mobile Crowdsourcing



Crowd Mobility Analytics with Multi-modal Data

- Network-layer activities with mobile devices are indicators of human appearance.



- This mapping has been found to be “*highly dynamic*” depending on a wide variety of factors such as: location, time, country, type of building/region, composition of people, event type, and usage of mobile devices..
- **Question:** Can we add auxiliary sensors to bridge the uncertainty of network activities and actual number of people and further correlate them?