

Unique qualifications and capabilities

Dr. Wenyao Xu *has*

- More than 8-year research experiences on wearable sensor systems. The applications cover objective measures (e.g., heart rate, breathing) to subjective measure (e.g., comfort, emotions)
- Developed application-specific analytic models and systems.

Dr. Ting Zhu *has*

- More than 10-year research experience on mobile computing, pervasive sensing, privacy and security, data science, signal processing
- Worked on multiple projects on human activity recognition

Specific capabilities your group is seeking: behavioral, cognitive, and psychological science

Type of research you are interested: Daily activity analysis, personalized assessment

Research areas of interest:

- Human-centered sensing modality
- Sensor system design and deployment
- Sensor signal processing, especially bio-sensors
- Big personal data management
- Real-time mobile systems
- Pervasive sensing
- Signal processing
- Security, privacy & safety

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