

Faculty and Research Interests

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Education

Ph.D., State University of New York at Stony Brook, USA

Experiences

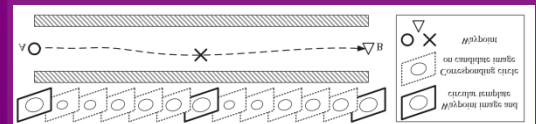
2013~ present, Associate Professor,
Dept. of CSIE, Taiwan Tech
2011~2014, Section Director,
Computer Center, Taiwan Tech
2004~2013, Assistant Professor,
Dept. of CSIE, Taiwan Tech

Research Areas

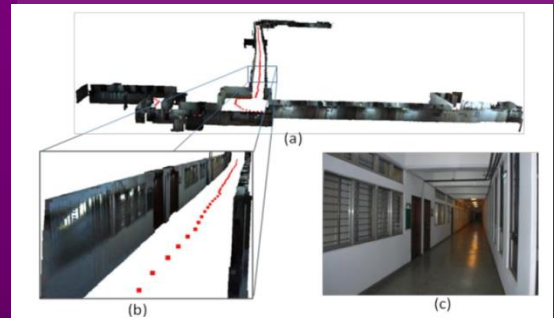
Spatial problems in wireless networks and robotics

Projects

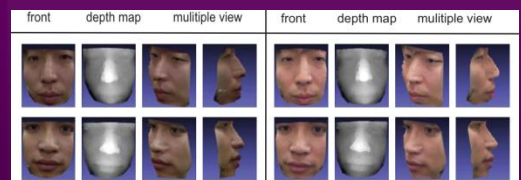
- User group formation in mobile cloud services
- 3D model reconstruction of geological data
- Trending topic generation in information security communities
- Location-aware file storage and sharing system for mobile users
- Intelligent wheelchair with integrated assistive systems for lower extremity disabled people and elders
- Cloud service application security analysis mechanism based on intrusion event analysis platform
- Secure file access and information leakage protection in the cloud architecture
- Face recognition with stereo webcams



Waypoint-based robot visual homing



3D reconstruction of indoor environments



3D face reconstruction



Localization by reconstructed images