1. The Subject and Aims of Research
   1. Heterogeneous Network Related Topics: Focus on the application and integration over heterogeneous networks.
   2. Mobile Application/System Design: Focus on the challenges of designing mobile services and system architectures.
   3. Distributed Computing Related Topics

2. Recent Research Topics

   (a) Heterogeneous Network Related Topics:
   To offer a more efficient wireless data access service, disparate wireless networks complement each other to provide a higher wireless accessibility. For example, the WLAN network inter-works with the cellular network. Incorporating heterogeneous networks into the network service group could make interactions in-between more complicated. We focus on the challenges while integrating heterogeneous networks.

   (b) Mobile Application/System Design:
   Thanks to the advancement of wireless technology, mobile services increasingly catch more attention in the post era of the booming voice service. A typical mobile wireless service comprises three parts: services, user devices and networks. Creating mobile broadband services over heterogeneous bearers (2.5G, 3G, WLAN or WiMAX) may face the problem about a great diversity of combinations in service flows. We focus on the challenges about designing mobile services and architectures.
3. Selected Publications and Projects

A. Journal Papers


B. Conference Papers


C. Projects


2. User Interface Development on Android Based Smart Handheld Device

3. Extensible Home Automation Application Platform