Research Area

- Web Platform

   Energy-efficient multi-core architecture
   Cache-oblivious large-scale graphics
   Overlay network & peer-to-peer network
   Next-generation mobile and ubiquitous platforms

- Web Contents Processing and Utilization

   Service-oriented, semantically based Web content analysis
   Experience & knowledge mining
   Ontology modeling
   Web content protection, data privacy, and integrity authentication

- Human-centered Web Exploration

   User Behavior Prediction
   User Interaction Change
   Information Diffusion
   Community Analysis & Evolution Model
   Network Evolution
   Web User Rating Analysis
   Niche Market Construction on the Web

- Web Software Engineering

   Quality and dependability of Web service based systems
   Model-driven software development & empirical software analysis
   Mashups & end-user programming