

Presents the Fall 2012 EECS Seminar Series

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“Location Awareness and its Applications”
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ABSTRACT

In recent years, the growth of using smart devices and wireless technologies promote the development of ubiquitous computing. In order to provide users with appropriate mobile services, location information is an important factor for services recommendations. In this seminar, I will introduce the basic concept of location awareness systems first. Then, the definition awareness computing will be mentioned which includes RFID location method, the structure of knowledge system, domain ontology, knowledge reasoning and wireless connections. Finally, I will introduce or show some real systems which were developed in our Labs. In addition, some projects are running at hand also be introduced, too.

BIOGRAPHY

Professor Rung-Ching Chen received the B.S. degree from department of electronic engineering in 1987, and the M. S. degree from the institute of computer engineering in 1990, both from National Taiwan University of Science and Technology, Taipei, Taiwan. In 1998, he received the Ph.D. degree from the department of applied mathematics in computer science sessions, National Chung Tsing University. He is now a professor at the Department of Information Management and a Dean at college informatics in Chaoyang University of Technology, CYUT, Taichung, Taiwan. He has been a Fellow of IET since July, 2011. Now, he focuses his research in medical information and health care information system, domain ontology and its applications, and context awareness and sensor networks applications.