

Invited Lecture by Professor Dr. Hiroaki Seki, School of Mechanical Engineering, Kanazawa University, Japan.

Title: Robot Localization

Date: 30 April 2013

Time: 2.30pm – 4.00pm

Venue: BM-0-002, College of Engineering, Universiti Tenaga Nasional, Jalan IKRAM-UNITEN, 43000 Kajang, Selangor.

Synopsis: The talk will be regarding various techniques for localization in various fields in Robotics. The topics covered will include techniques for detecting position, for example, beacon / mark based positioning for mobile robots, position recording system for inspection, crane boom monitoring system, handwriting input device etc. All are invited to attend.

Profile of the speaker is as follows:

Name:

Hiroaki Seki

Affiliation:

Professor, School of Mechanical Engineering,
College of Science and Engineering, Kanazawa University, Japan

Brief Biographical History:

1994- Research Associate, Faculty of Engineering, the Univ. of Tokyo

1996- Received Ph.D. degree in Precision Machinery Engineering from the Univ. of Tokyo

“Detection of Kinematic Constraint from Search Motion of a Robot Using Neural Network”

1997- Research Associate, Faculty of Engineering, Kanazawa Univ.

2001- Associate Professor, Faculty of Engineering, Kanazawa Univ.

2013- Professor, School of Mechanical Engineering, Kanazawa Univ.

Research interest:

Recent interests include novel mechanism and sensing in robotics and mechatronics.

Membership in Learned Societies:

The Japan Society of Mechanical Engineers (JSME)

The Japan Society of Precision Engineering (JSPE)

The Robotics Society of Japan (RSJ)

IEEE

