



www.isir.upmc.fr

Tél : 01 44 27 52 09
Fax : 01 44 27 51 45

Séminaire **ISIR**

Dr. Sup Premvuti

Lundi 15 Octobre 2012 à 11h15

Campus Jussieu, 4 place Jussieu, Paris
Salle de réunion H20

Bio :

Dr. Premvuti is the president of Kirinson, Inc. - the technical representative of Hokuyo Automatic Co., Ltd., a leading manufacturer of compact scanning laser range finders. He is in charge of technical support and business development for the U.S. and European markets. Dr. Premvuti holds a Ph.D. in Robotics from the University of Tsukuba, Japan.

Abstract

The principle of laser based distance measurement is explained. The implementation of the phase shift method and the time-of-flight method in scanning laser range finders are discussed. The multiple-echo technology for an outdoor sensor is introduced. The talk will end with examples of laser range finder applications in industry and research.