

# 学术报告会

时间：2013年5月20日 (周一) 09:30-11:30

地点：电院楼群2-410会议室

## **Automated Precision Mapping of Roadway Features**

**Prof. Jay A. Farrell, the University of California, USA**

## **Bellman's Principle with Constraints**

**Prof. Edwin K. P. Chong, Colorado State University, USA**

### **Biography**



**Prof. Jay A. Farrell** earned B.S. degrees in physics and electrical engineering from Iowa State University, and M.S. and Ph.D. degrees in electrical engineering from the University of Notre Dame. At Charles Stark Draper Lab (1989-1994), he received the Engineering Vice President's Best Technical Publication Award in 1990, and Recognition Awards for Outstanding Performance and Achievement in 1991 and 1993. He is a Professor and two time Chair of the Department of Electrical Engineering at the University of California, Riverside. He was named a GNSS Leader to Watch for 2009-2010 by GPS World Magazine in May 2009 and a winner of the Connected Vehicle Technology Challenge by the U.S. Department of Transportation's (DOT's) Research and Innovative Technology Administration in July 2011. He is a Fellow of the IEEE, a Fellow of AAAS, a Distinguished Member of IEEE CSS, and author of over 200 technical publications. He is author of the book "Aided Navigation: GPS with High Rate Sensors" (McGraw-Hill 2008). He is also co-author of the books "The Global Positioning System and Inertial Navigation" (McGraw-Hill, 1998) and "Adaptive Approximation Based Control: Unifying Neural, Fuzzy and Traditional Adaptive Approximation Approaches" (John Wiley 2006).



**Prof. Edwin K. P. Chong** received the B.E.(Hons.) degree with First Class Honors from the University of Adelaide, South Australia, in 1987; and the M.A. and Ph.D. degrees in 1989 and 1991, respectively, both from Princeton University, where he held an IBM Fellowship. He joined the School of Electrical and Computer Engineering at Purdue University in 1991. Since August 2001, he has been a Professor at Colorado State University. His current interests are in stochastic models and optimization methods. He coauthored the recent best-selling book, An Introduction to Optimization, 4th Edition, Wiley-Interscience, 2013. He is an inaugural Senior Editor of the IEEE Transactions on Automatic Control, and is also on the editor board of Computer Networks and the Journal of Control Science and Engineering. Professor Chong is a Fellow of the IEEE, and served as an IEEE Control Systems Society (CSS) Distinguished Lecturer. He is currently Vice President for Financial Activities in the CSS. In 2010 he received the IEEE Distinguished Member Award from the CSS.