



CENTRO DE INVESTIGACIÓN Y DE ESTUDIOS AVANZADOS DEL IPN

El Departamento de Control Automático

*invita cordialmente a su **Seminario Departamental***

Perturbation Analysis and Optimization of Stochastic Hybrid Systems and Resource Contention Games

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**Martes 14 de Septiembre, 2010, 11:00 horas, Salón de Usos Múltiples,
Planta Baja Depto. de Control Automático, CINVESTAV-IPN, Unidad Zacatenco, D.F.**

Prof. Dr. Christos G. Cassandras was a Key Note Speaker at the "7th Intern. Conf. on Electrical Engineering, Computing Science and Automatic Control (CCE 2010)" (Chiapas, Septiembre 8-10, 2010).

He received the Ph.D. degree from the Harvard University (1982). He specializes in the areas of discrete event and hybrid systems, cooperative control, stochastic optimization, and computer simulation, with applications to computer and sensor networks, manufacturing systems, and transportation systems. He has published over 250 refereed papers in these areas, and five books. He has guest-edited several technical journal issues and serves on several journal Editorial Boards. He has worked extensively with industrial organizations on various systems integration projects and the development of decision-support software. He has collaborated with The MathWorks, Inc. in the development of the discrete event and hybrid system simulator [SimEvents®](#).

Dr. Cassandras was Editor-in-Chief of [IEEE Transactions on Automatic Control](#) (1998–2009), has served on the IEEE CSS Board of Governors, as Chair of several conferences, and chaired the CSS Technical Committee on Control Theory. He was a plenary speaker at various intern. conferences (*American Control Conference 2001*, *IEEE Conference on Decision and Control 2002*). He is the recipient of the Distinguished Member Award of the IEEE Control Systems Society (2006), and the 1999 Harold Chestnut Prize (IFAC Best Control Engineering Textbook) for [Discrete Event Systems: Modeling and Performance Analysis](#).