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THE CHINESE UNIVERSITY OF HONG KONG

Department of Information Engineering

Joint Seminar by
Computer Science & Engineering Department
and Information Engineering Department

Solar + Storage + IoT = $30 Trillion

by

Professor Srinivasan Keshav

Professor and Cisco Chair in the Cheriton School of Computer Science
University of Waterloo
Canada

Date : 22 May, 2017 (Monday)
Time : 11:00am – 12:00noon
Venue : Room 833, Ho Sin Hang Engineering Building
The Chinese University of Hong Kong

Abstract

Recent technological advances in the areas of solar photovoltaics, Lithium-Ion-based energy storage, light emitting diodes, and the Internet of Things will substantially change the energy, electrical grid, building, and transportation sectors. Some experts estimate that these will result in economic activity of about $30 Trillion over the next two decades. In this talk, I will touch upon the recent advances in these technical areas and speculate on their economic impacts. I will also present some recent results from my research group that attempt to address these changes.

Biography

Professor S. Keshav received a B.Tech in Computer Science and Engineering from IIT Delhi in 1986 and a Ph.D. in Computer Science from the University of California, Berkeley in 1991. He was subsequently a researcher at AT&T Bell Laboratories and, from 1996 to 1999, an Associate Professor at Cornell University. In 1999 he left academia to co-found Ensim Corporation and GreenBorder Technologies Inc. He was an Associate Professor at the University of Waterloo from 2003 to 2008 and has been a Professor since, holding a Canada Research Chair (2004-14) and the Cisco Chair in Smart Grid (2012-17). An awardee of the Director's Gold Medal from IIT Delhi, the Sakrison Prize from UC Berkeley, two Test of Time awards from ACM SIGCOMM, and Best Paper awards at both ACM SIGCOMM and ACM MOBICOM, he is the co-director of the Information Systems and Science for Energy Laboratory, author of two graduate textbooks on computer networking, an Alfred P. Sloan Fellow, an ACM Fellow, and currently Chair of ACM SIGCOMM.

**** ALL ARE WELCOME ****

Host: Professor Minghua Chen (Tel: 3943-8452, Email: mhchen@ie.cuhk.edu.hk)
Enquiries: Information Engineering Dept., CUHK (Tel.: 3943-8385)