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PRESENTED BY THE WATERLOO INSTITUTE
FOR SUSTAINABLE ENERGY

New date and time:

Monday Feb 13, 2017

3:30 – 4:30 pm

DC 1302

SOLAR + STORAGE + IOT + LED = \$30 TRILLION

Srinivasan Keshav, Professor, ACM Fellow, Cisco Chair for the Cheriton School of Computer Science, Chair of ACM SIGCOMM and Associate Dean (Graduate) in the Faculty of Mathematics at the University of Waterloo

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.

Please join us afterwards for refreshments and a reception in DC 1301

Biography



Professor S. Keshav received 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 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). He is the co-director of the Information Systems and Science for Energy Laboratory at the University of Waterloo, 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!

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