



IEEE Systems Council Chapter presents IEEE Distinguished
Lecture Series on

Solar Photovoltaic Inverters

Mr. Richard Bravo

Date: **May 04, 2018 (Friday)**

Time: **4:00 PM – 5:00 PM**

Location: **ECS 317, CSULB**

Abstract: The implementation of solar Photovoltaic Inverters as a means of generation has been growing exponentially in California. Solar PV generation was less than 100 Mega-watts before 2009 to now more than 5,000 Mega-watts and continue growing. This rapid increment of solar PV inverter generation had the need for smart features on solar PV inverters to minimize their impacts on the grid furthermore to provide support during grid emergencies.

This lecture will cover the basics of solar PV inverter generation as well how smart inverter features can support the electric grid. It will cover both laboratory and field experiences with solar PV generation. Furthermore, will provide the basics of solar PV power plants build-up.

Biography: Richard J. Bravo (Senior IEEE Member) is a senior engineer in Grid Technology and Modernization at Southern California Edison, has over 20 years of industry and academia experience. He graduated from California State University, Long Beach with a B.S. and M.S. in electrical engineering. He earned a Power Systems Sequential Program Certificate from University of California in Los Angeles and holds Professional Engineer license in electrical engineering from the State of California.

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