



IEEE

IEEE Control Systems Society, HKN Epsilon Alpha Chapter, and student branch of IEEE at Cleveland State University jointly present

Cleveland Section

## Smart Energy-A Systems Approach to Achieving Stability and Security in the Electricity System

Dr. Kenneth A. Loparo

### Date and time

Friday, April 25, 2014.  
3:00pm-5:00pm

### Location

Fenn Hall 103  
Fenn College of Engineering  
Cleveland State University  
2121 Euclid Ave.  
Cleveland, OH 44115

### Agenda

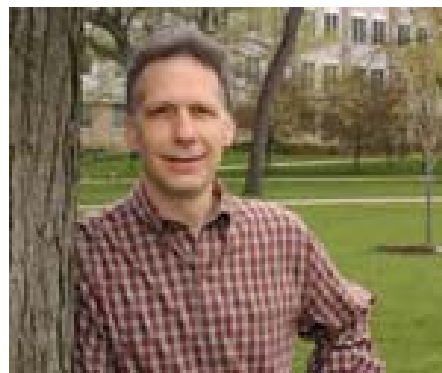
3:00-3:30: social hour  
3:30-4:30: seminar  
4:30-5:00: Q&A

### Who is invited?

Anyone interested in attending  
Priority will be given to  
members of IEEE.

### CPD

One credit available  
Bring your flyer for credit.



**Dr. Kenneth A Loparo** is currently a Nord Professor of Engineering and Chair of EECS Department at Case Western Reserve University. Dr. Loparo is a Fellow of the IEEE and has received numerous awards including the Sigma Xi Research Award for contributions to stochastic control, the John S. Diekoff Award for Distinguished Graduate Teaching, the Tau Beta Pi Outstanding Engineering and Science Professor Award, the Undergraduate Teaching Excellence Award and the Carl F. Wittke Award.

**Abstract of the seminar:** The U.S. Power System is undergoing a transformation that includes the addition of new sensors, communications and control systems that will enable more reliable and secure operation with increased efficiency in generation, transmission/distribution and consumption. In this talk we will review the current situation, discuss challenges and opportunities for modernizing the electricity system, and present results of several ongoing research projects.

***Refreshment and soft drink will be provided!***

**RSVP:** Dr. Lili Dong • L.Dong34@csuohio.edu • 216-687-5312

This is to certify that \_\_\_\_\_ attended this seminar. Certified by \_\_\_\_\_. Certificates of attendance and other evidence of CPD activity should be retained by the attendee for auditing purposes."