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IEEE Schenectady Section  
present

## The Steinmetz Memorial Lecture for 2018

**Dr. Anjan Bose**

Regents Professor, Washington State University



### ***The Evolution of the Smart Grid from Edison and Steinmetz***

Tuesday, October 2, 2018

Lecture at 7 pm in Nott Memorial building, Union College free and open to the public.  
Optional buffet dinner at 5:30 pm in Hale House, Union College for \$25.00

Monitor <http://sites.ieee.org/schenectady/> and <https://www.union.edu/> for additional information (campus map, parking).

Soon after Edison started supplying electricity to customers and Steinmetz gave us the ability to analyze large AC circuits, the power companies started interconnecting for economic and reliability benefits, resulting in today's continent-wide power grids. What made it possible to plan and operate these grids, the largest man-made machines ever developed, is the utilization of computer, communication and control technologies, which resulted in the smart grid whose evolution continues.

**Dr. Bose is a Member of the US National Academy of Engineering (2003) and has served on many National Academy Committees.** He is a founding Member of the Washington State Academy of Sciences and has been elected as its President. He is also a Foreign Fellow of the Indian National Academy of Engineering. He is a Fellow of the IEEE and is active in several international professional societies. He was the recipient of the Outstanding Power Engineering Educator Award (1994), the Third Millennium Medal (2000) and the Herman Halperin Electric Transmission & Distribution Award (2006), from the IEEE.

Before joining WSU, Dr. Bose was on the faculty of Arizona State University (ASU), where he directed the Electric Power Research Laboratory that he helped establish in 1982. Before ASU, Dr. Bose worked for Control Data Corporation in their Energy Management Systems Division (now Siemens Energy Management & Information Systems).

**For those attending the dinner please register by September 15 on-line at:**

<https://www.eventbrite.com/e/74th-steinmetz-memorial-lecture-tickets-45933972749>

**If you prefer to pay for dinner by check send your payment to:**

IEEE Schenectady Section  
PO Box 1417  
Schenectady, NY 12301

Please provide your name and email for confirmation of reservation: