

ECE SPEAKER SERIES

Department of Electrical
and Computer Engineering

P.R. Kumar

*National Academy of Engineering member and
World Academy of Sciences fellow*

Architectures, Strategies and Theories for Integrating Renewable Energy Sources

Renewable energy sources such as solar and wind are time-varying. To enhance their usage, demand will need to be adjusted to meet supply, rather than the other way around as is traditional. This raises several issues lying at the confluence of economic behavior and elasticity, demand pooling, implicit or explicit storage, information availability, privacy, adaptation and control. This talk will propose several architectures, strategies and theories for addressing these issues.

11:00am- 12:00pm

Egr Bldg 2 Rm W122

Kumar is a University Distinguished Professor and College of Engineering Chair in Computer Engineering at Texas A&M University. His research is currently focused on energy systems, wireless networks, secure networking, automated transportation, and cyberphysical systems.



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