

## **Recent Trends in Operation, Control, and Protection of Microgrids**

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Distribution systems and microgrids are the most happening places in modern power systems. The talk will highlight some of the challenges in operation, control, and protection of modern microgrids and discuss possible solutions to those challenges. Some of the emerging technological trends, including large-scale penetration of converter interfaced generation and the associated control and protection issues, demand response, and networked operation of microgrids will also be discussed. A few real-life examples of microgrid setups will also be briefly discussed.