



PARTICIPANTS

In-person and virtual guests are listed



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Anuradha Annaswamy is Founder and Director of the Active-Adaptive Control Laboratory in the Department of Mechanical Engineering at MIT. Her research interests span adaptive control theory and its applications to aerospace, automotive, propulsion, and energy systems as well as cyber physical systems such as Smart Grids, Smart Cities, and Smart Infrastructures. She has received best paper awards (Axelby; CSM), as well as Distinguished Member and Distinguished Lecturer awards from the IEEE Control Systems Society (CSS) and a Presidential Young Investigator award from NSF. She is a Fellow of IEEE and International Federation of Automatic Control. She is the recipient of the Distinguished Alumni award from Indian Institute of Science for 2021. Anu Annaswamy is the author of a graduate textbook on adaptive control, co-editor of two vision documents on smart grids as well as two editions of the Impact of Control Technology report, and a coauthor of a 2021 National Academy of Sciences Committee report on the Future of Electric Power in the United States. She served as the President of CSS in 2020. She has been serving as a Faculty Lead in the Electric Power Systems workstream in the MIT Future Energy Systems Center since September 2021.



Murali Baggu is Laboratory Program Manager for Grid Integration at NREL. In this role, he manages the DOE Office of Electricity and Grid Modernization Initiative (GMI) programs at NREL. He currently directs and leads the NREL's Advanced Distribution Management Systems and Puerto Rico Grid Recovery and Resilience efforts. Dr. Baggu is a Senior Member of IEEE since 2014 and presently chair of IEEE Distribution System Operation & Planning sub-committee. He is also Associate Editor for the IEEE Transactions on Sustainable Energy. He has extensive experience in advanced grid control and evaluation for future power systems with high levels of distributed energy resources. This includes ADMS, microgrid applications, and energy-storage applications. Before joining NREL he worked as a Lead Power Systems Engineer at GE Global Research, Niskayuna, NY, where he developed advanced Volt/VAR control and DER management algorithms.

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Grid integration experience of research, development, and deployment of hydropower (pumped storage, run-of-the-river), microgrids, hydrogen refueling stations, wind, photovoltaics, EVs, DERs, etc. Technical Advisor to the Department of Energy (DOE) for the areas of electrified transportation with focus on smart charge management, cybersecurity, and high power charging.

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