Research on Tap
Accelerating the Energy Transition:
Transformative Pathways to Decarbonization and Sustainability

Wednesday, December 4, 2019 | 4-6 PM | Kilachand Center

WELCOME

Gloria Waters   Vice President and Associate Provost for Research

Peter Fox-Penner   Director, Institute for Sustainable Energy (ISE) and Professor of Practice, QST

PRESENTATIONS

Methane Emissions Detection: Technology vs Regulation
Robert Kleinberg, PhD, Senior Fellow, ISE and Principal, Presidio Energy Technology

Melting the ICE: The Critical Role of Public Charging Infrastructure for Electric Vehicles
Z. Justin Ren, PhD, Associate Professor, Operations and Technology Management, QST

Coordination of Renewable Generation and New Loads
Michael Caramanis, PhD, CEESI Co-Director and Professor, ENG

Understanding Interfacial Stability in High Energy Density Batteries
Emily Ryan, PhD, Associate Director, ISE and Assistant Professor, Mechanical Engineering, ENG

Improving Sustainability of Commercial Buildings
Michael Gevelber, PhD, Associate Professor, Mechanical Engineering, ENG

How Do You Decarbonize 86,000 Buildings?
Cutler J. Cleveland, PhD, Associate Director, ISE and Professor, Earth & Environment, CAS

The Population Health Consequences of the Energy Transition: The Home and Built Environment
Jon Levy, ScD, Professor, Environmental Health, SPH

Nature-based Climate Solutions?
Lucy R. Hutyra, PhD, Associate Professor, Earth & Environment, CAS

Sustainable Water Management
Jacqueline Ashmore, PhD, Executive Director, ISE and Research Associate Professor, Mechanical Engineering, ENG

Framing the Practice of Just Transitions
David O. Jermain, MS, Associate Director and Research Fellow, ISE

Looking Forward
Jacqueline Ashmore, PhD, Executive Director and Research Associate Professor, Mechanical Engineering, ENG

Event Suggestions?

bu.edu/research/topic-ideas