

# 2018 SUMMER STUDY BUILDINGS: PANEL 12

## SMART BUILDINGS, SMART GRID, AND THE INTERNET OF THINGS

**PANEL LEADERS:** **Larry Brackney**, *National Renewable Energy Laboratory* and **Jessica Granderson**, *Lawrence Berkeley National Laboratory*

**SESSION TOPICS:** Information Technology and the Internet of Things hold the promise of easier, more compelling energy efficiency opportunities. This panel focuses on novel applications of data science, modeling, management, and visualization; technologies that support behavior change and inform decision making throughout the building lifecycle; advancements in hardware, software, and communications interoperability for a secure and agile smart grid; application of advanced hardware and software technologies that increase adoption of energy efficiency, load flexibility, and demand response in commercial and residential buildings.