RESEARCH COLLOQUIUM SERIES

ON THE THEME OF ENERGY SYSTEMS 2020-21

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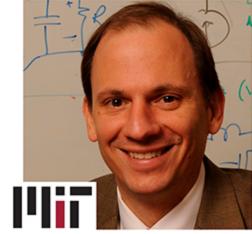












BAOSEN ZHANG W

ELECTRICAL & COMPUTER ENGINEERING UNIVERSITY of WASHINGTON

Some Research Trends in Energy Systems

SASCHA VON MEIER BERKELEY LAB

Phasor-Based Control for Distributed Energy Resources

SAIRAJ DHOPLE A



Power flow through the ages

ENRIQUE MALLADA



Embracing Low Inertia in Power System Frequency Control: A Dynamic Droop Approach

JOHANNA MATHIEU



Managing uncertainty in coupled power and water distribution networks

AUDUN BOTTERUD



Energy Storage in Future Electricity Markets

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Exploring Future Power System Stability

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Architectures, Topologies and Components for High-Frequency, **High-Density Power Conversion**