



INTERNATIONAL INSTITUTE FOR CARBON-NEUTRAL ENERGY RESEARCH

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# ARTIFICIAL INTELLIGENCE FOR OPERATION AND MANAGEMENT OF ENERGY SYSTEMS

## I²CNER-IMI INTERNATIONAL WORKSHOP

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DATE: JANUARY 25, 2021

TIME: 8:40 AM – 13:20 PM (JAPAN TIME)

VENUE: ZOOM MEETING

Time	Speaker	Affiliation	Title
8:40 – 8:45	Osamu Saeki	IMI, Kyushu University	Opening speech
8:45 – 9:30	Hideaki Ishii	Tokyo Institute of Technology, Japan	Resilient Control and Estimation of Power Grids under Cyber Attacks
9:30 – 10:15	Subhonmesh Bose	University of Illinois at Urbana-Champaign, USA	Risk-sensitive market design for the modern power system
10:15 – 11:00	Kei Hirose	IMI, Kyushu University	Event Effects Estimation on Electricity Load Forecasting
11:00 – 11:45	Thinh T. Doan	Virginia Tech, USA	Multi-agent multi-task reinforcement learning
11:45 – 12:30	Hung D. Nguyen	Nanyang Technological University, Singapore	Gaussian Process Learning for Power System Operation
12:30 – 13:15	Javad Khazaei	Penn State University, USA	Modeling and Detection of Cyber-Physical Attacks Aiming at Blackouts in Smart Grids
13:15 – 13:20	Nguyen Dinh Hoa	I²CNER and IMI, Kyushu University	Closing remarks