

The 2nd Student Workshop



OPERA

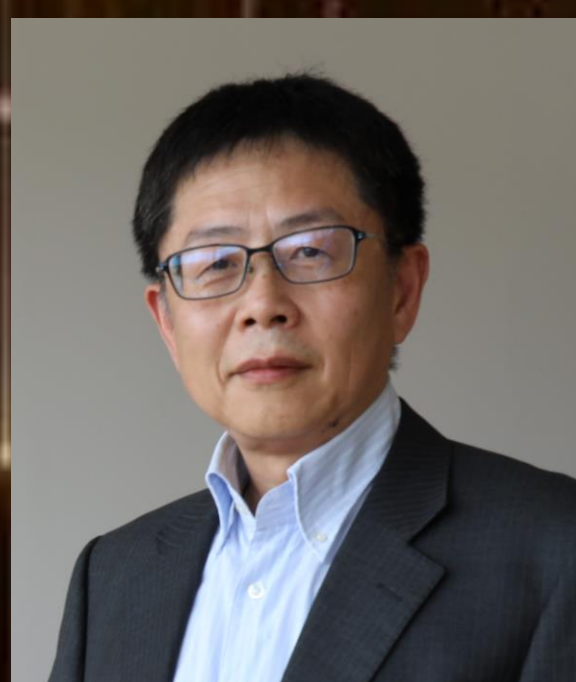
April 18, 2023

Room S204, International Research Institute of Disaster Science



Otsuji Taiichi

OPERA Research Supervisor
Prof., Tohoku University
Opening speech
13:30-13:40



Chen Qiang

OPERA Head of Human Resources
Development Dept.
Prof., Tohoku University



Kai Nakamura

Graduate School of Engineering
On the Energy-Efficient Task
Migration for Virtualized RAN with
Renewable Energy
13:40-14:00



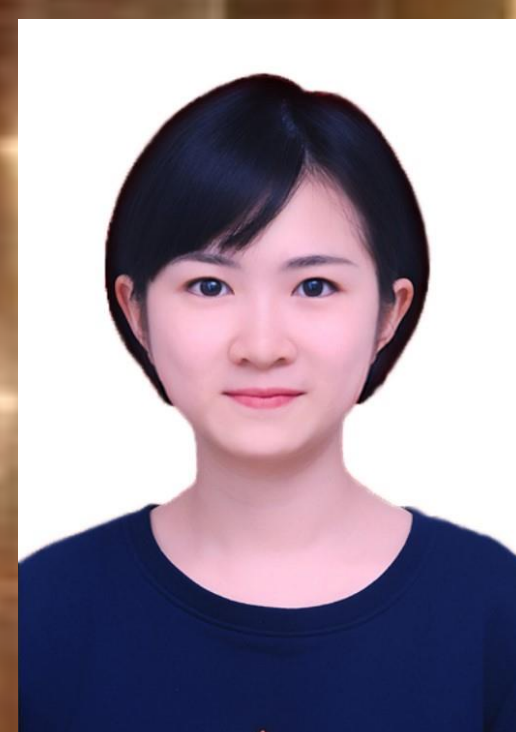
Cao Xianbo

Graduate School of Engineering
A Novel and Efficient 1-bit Time-
modulated Reflectarray System for
RIS Applications
15:10-15:30



Izumi Matsuzawa

Graduate School of Engineering
On the Next Generation
Communication Systems Using
Renewable Energy
14:00-14:20



Wang Jingchi

Graduate School of Engineering
Micro data center operation according
to power supply situation based on
renewable energy
15:30-15:50



Kevin Mutai

Graduate School of Engineering
Near Field Focusing Leaky Wave
Antenna with Extended Scanning
Range for Millimeter Wave Imaging
14:20-14:40



Tang Qiongyan

Graduate School of Economics and
Management
Experimental Demonstration of Power
Exchange Switch between Grids
15:50-16:10



Wu Wen

Graduate School of Engineering
Low-Cost High-Gain Wideband
Reflectarray Antenna Based on
Nonradiative Dielectric Waveguide
14:40-15:00



Liu Ke

Graduate School of Engineering
Construction of a DC microgrid and its
behavior analysis using a simulator
16:10-16:30



Fumiyuki Adachi

Prof. Emeritus, Tohoku University
Tutorial Talk: Evolutionary History of Mobile
Radio Communication Systems And Further
Evolution Towards Beyond 5th Generation
16:40-17:20

Organized by OPERA Program, Tohoku University