

# International Joint Seminar in Sustainable Energy Conversion & the Environment

## Seminar Schedule

### WEEK 1

#### Monday, July 21

8:30-11:30 a.m. Introduction and motivation, Yunho Hwang

#### Tuesday, July 22

8:30-noon Vapor compression and advanced cycle, Yunho Hwang

#### Wednesday, July 23

8:30-11:30 a.m. Energy systems and desiccant-assisted air conditioning systems, Gerhard Schmitz

#### Thursday, July 24

8:30-10:00 a.m. Solar thermal and sorption systems, Zhenyuan Xu  
10:30 a.m.-noon Renewable synthetic fuels, Baowen Zhou

#### Friday, July 25

8:30-11:30 a.m. Wind energy, Cheng-Yi Lee

### WEEK 2

#### Monday, July 28

8:30 a.m.-noon Energy storage, Cheng-Yi Lee

#### Tuesday, July 29

8:30 a.m.-noon Net-zero energy buildings, Yunho Hwang

#### Wednesday, July 30

8:30 a.m.-noon Air as ultimate medium for power, cooling, heating, and storage cycles and energy efficiency and demand of air conditioning, Niccolò Giannetti

#### Thursday, July 31

8:30 a.m.-noon Ocean energy and nuclear energy, Hoseong Lee