

# Research fields –Mechanical Engineering–

## ■ Fluid Engineering



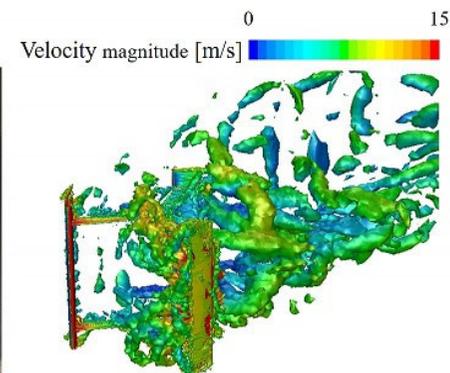
Professor  
Takahiro KIWATA



Associate Professor  
Nobuyoshi KOMATSU



Associate Professor  
Takaaki KONO



Experimental and numerical  
analysis for Vertical axis wind  
turbine

## ■ Thermo Engineering



Associate Professor  
Hiroshi ENOMOTO



Combustion



Associate Professor  
Yoshikazu TERAOKA



Growth of ice

# Research fields –Mechanical Engineering–

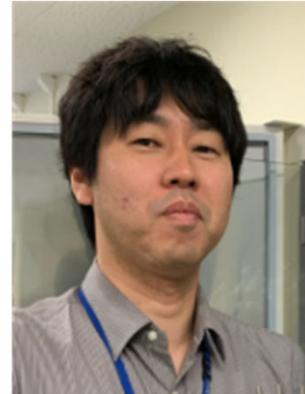
## ■ Effective use of Heat



Professor  
Masashi HARUKI

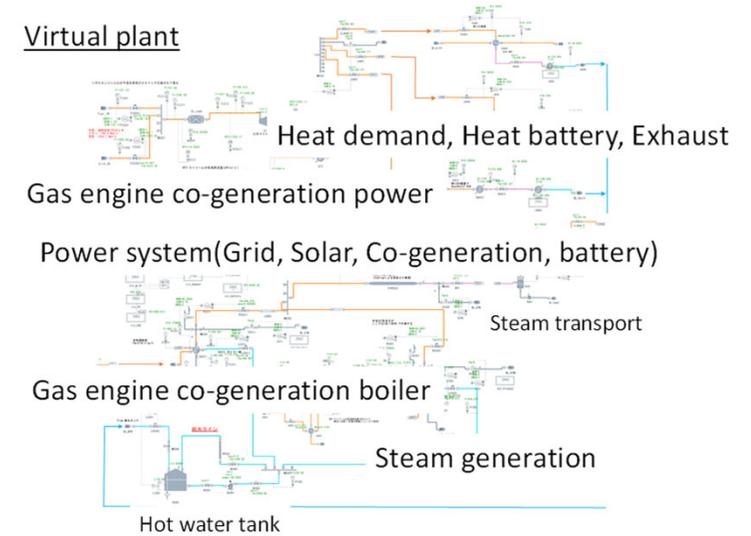


Advanced heat  
storage material



Associate Professor  
Yugo OSAKA

Virtual plant



Integrated energy  
management system

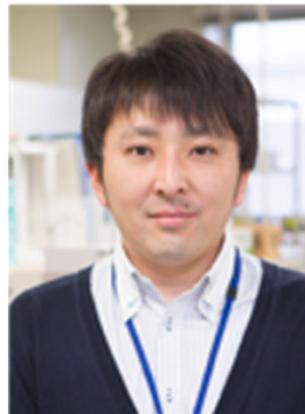
## ■ Carbon capture and utilization



Professor  
Akio KODAMA



CO<sub>2</sub> separation by  
honeycomb wheel



Associate Professor  
Takuya TSUJIGUCHI



Liquid fuel  
production from  
CO<sub>2</sub>