

Energy Outlook

International Institute for Carbon-Neutral Energy Research

May
2017

Inaugurating a Leading International Research Hub on Refrigerants

Round-table discussion of key members of the Research Center
for Next Generation Refrigerant Properties (NEXT-RP) of I²CNER

Special Interview

Yasuyuki Takata

Professor and WPI Principal Investigator,
Associate Director of I²CNER, Kyushu University /
Director of NEXT-RP

Shigeru Koyama

WPI Professor, Associate Director of NEXT-RP,
I²CNER, Kyushu University

Yukihiro Higashi

WPI Professor, NEXT-RP, I²CNER, Kyushu University

Akio Miyara

Professor, Saga University / WPI Visiting Professor,
NEXT-RP, I²CNER, Kyushu University

Ryo Akasaka

Professor, Kyushu Sangyo University /
WPI Visiting Professor, NEXT-RP, I²CNER,
Kyushu University

Bidyut Baran Saha

Professor and WPI Principal Investigator, NEXT-RP, I²CNER,
Kyushu University



Research Highlights

Understanding the fundamental mechanisms governing vapor condensation on nonwetting surfaces is crucial to a wide range of energy and water applications. In this paper, we reconcile classical droplet growth modeling

