

## **INTERNATIONAL INSTITUTE FOR CARBON-NEUTRAL ENERGY RESEARCH**

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*The International Institute for Carbon-Neutral Energy Research (I<sup>2</sup>CNER) at Kyushu University, Japan is actively seeking outstanding candidates for a senior-level, foreign (=non-Japanese) principal investigator position*

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### **OUTLINE**

The International Institute for Carbon-Neutral Energy Research (I<sup>2</sup>CNER) is one of the World Premier International Research Center Initiative (WPI) Institutes of Japan supported by the Ministry for Education, Culture, Sports, Science and Technology (MEXT). Faculty members and researchers associated with I<sup>2</sup>CNER are dedicated to the Institute's mission to contribute to the advancement of low carbon emission and cost effective energy systems and improvement of energy efficiency. Amongst the array of technologies that I<sup>2</sup>CNER's research aims to enable is the production, storage, and utilization of hydrogen as a fuel in a hydrogen-based economy. Our research also explores the underlying science of CO<sub>2</sub> capture and storage or the conversion of CO<sub>2</sub> to a useful product. Additionally, central to I<sup>2</sup>CNER's mission is the establishment of an international academic environment that fosters innovation through collaboration and interdisciplinary research (fusion). I<sup>2</sup>CNER is located on the Ito Campus of Kyushu University which houses extensive state-of-the-art experimental and computational facilities.

### **QUALIFICATIONS & CURRENT OPENINGS**

I<sup>2</sup>CNER is seeking a non-Japanese, internationally recognized scientist at the senior-level with experimental and/or computational expertise in the physics, chemistry, mechanics, or materials science aspects of:

- Hydrogen Production
- Hydrogen Materials Compatibility
- Fuel Cells
- Thermal Science and Engineering
- Hydrogen Storage
- Catalytic Materials Transformations
- CO<sub>2</sub> Capture and Utilization
- CO<sub>2</sub> Storage
- Energy Analysis

The successful candidate is expected to work as a principal investigator within the institute, establish and maintain an active and independent research program that is relevant to the mission of the Institute, and provide service to the Institute, the university, and the profession. In particular, emphasis will be placed on candidates who have achieved national and international recognition for their scholarship and have a proven record of interdisciplinary research.

### **REQUIRED APPLICATION MATERIALS\***

1. Cover letter
2. Application form (located on website)
3. Curriculum vitae that details research experience and interests
4. Research proposal (please use website template)
5. List of publications
  - a. Separate lists for refereed journals and conference proceedings.
6. Names and contact information of four references

***\*All materials must be submitted in English.***

## **SALARY & ENVIRONMENT**

Salary is competitive and will be commensurate with qualifications and experience.

In addition to our competitive salary plan, we also offer any or all of the following additional resources to qualified faculty, commensurate with experience:

- ✓ Office
- ✓ Laboratory of approx. 300m<sup>2</sup>
- ✓ Post-doc(s)
- ✓ Technical staff
- ✓ Secretarial support

## **STARTING DATE**

The starting date will be as soon as possible after the closing date.

## **APPLICATION DEADLINE**

- Monday, March 31, 2014, 17:00 (Japan)
- Interviews may take place prior to the closing date; however, no final decisions will be made until after that time.

## **APPLICATION SUBMISSION**

Please attach your application materials to an email and send them to: [wpi-office@i2cner.kyushu-u.ac.jp](mailto:wpi-office@i2cner.kyushu-u.ac.jp).

## **QUESTIONS?**

For further information regarding application procedures, please address questions to: [wpi-office@i2cner.kyushu-u.ac.jp](mailto:wpi-office@i2cner.kyushu-u.ac.jp)

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## **FOR MORE INFORMATION**

<http://i2cner.kyushu-u.ac.jp/en/recruit/recruit.php>

*Kyushu University is an Equal Opportunity/Affirmative Action Employer. The administration, faculty and staff embrace diversity and are committed to attracting qualified candidates who also embrace and value diversity and inclusivity.*