

## **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 tenure-track faculty positions at the associate or full professor level.*

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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. The array of technologies that I<sup>2</sup>CNER's research aims to enable includes Solid Oxide Fuel Cells, Polymer Membrane based fuel cells, biomimetic and other novel catalyst concepts, and production, storage, and utilization of hydrogen as a fuel. Our research also explores the underlying science of CO<sub>2</sub> capture and storage technology or the conversion of CO<sub>2</sub> to a useful product. Additionally, it is our mission to establish 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.

### **CURRENT OPENINGS & QUALIFICATIONS**

I<sup>2</sup>CNER is seeking internationally recognized scientists for tenure track faculty positions who have experimental and/or computational expertise in the areas of physics, chemistry, geology, materials science, and system analysis underlying energy technologies which address but are not limited to:

- 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

The successful candidate is expected to 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 which details research experience and interests
4. Research proposal (please use the template from the website)
5. List of publications (please provide separate lists for refereed journals and conference proceedings)
6. Names and contact information of four references

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

### **SALARY**

Salary will be commensurate with qualifications and experience.

### **STARTING DATE**

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

#### **APPLICATION DEADLINE**

- Tuesday, June 30, 2015, 17:00 (Japan)
- Interviews may take place prior to the closing date; however, no final decisions will be made until after the closing date.

#### **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.*