

INTERNATIONAL INSTITUTE FOR CARBON-NEUTRAL ENERGY RESEARCH

The International Institute for Carbon-Neutral Energy Research (I²CNER) at Kyushu University, Japan is actively seeking outstanding candidates for non-tenured faculty at the assistant professor rank.

OUTLINE

As of April 1, 2020, the International Institute for Carbon-Neutral Energy Research (I²CNER) is a member Center of the “WPI Academy” founded by MEXT’s Research Promotion Bureau on April 21, 2017. I²CNER’s mission is to contribute to the creation of a sustainable and environmentally friendly society by conducting fundamental research for the advancement of low carbon emission and cost-effective energy systems, and improvement of energy efficiency. The research efforts are organized into three thematic research clusters or “Thrusts” as follows: Advanced Energy Materials, Advanced Energy Conversion Systems, and Multiscale Science and Engineering for Energy and the Environment. This structure allows us to capture our most relevant existing capabilities and organize them for the best future impact. It also provides an efficient mechanism for world-class international and Japanese researchers to work interactively to accomplish common goals which cut across disciplines.

I²CNER is seeking to recruit 2 non-tenured faculty at the assistant professor rank with appointments **from July 1, 2021(*) to March 31, 2022**. *Successful candidates will be those who are capable of establishing and maintaining an active research program anchored in I²CNER and carrying out interdisciplinary research across the Institute’s thematic research Thrusts. In addition, the relevance of the candidate’s expertise to the I²CNER needs according to the new thematic Thrust organization will constitute an important criterion at the stage of document Screening.*

* The starting date of your employment might be changed in accordance with the selection process.

CURRENT OPENINGS

I²CNER is seeking non-tenured faculty at the assistant professor rank with expertise in:

- Experimental hydrogen embrittlement and degradation of structural materials
- Catalysis
- Computational and data-driven science to accelerate energy materials discovery and development
- CO₂ Storage
- Energy problems and transition for economic, legal, and political sciences

While preference will be given to candidates in the above scholarly areas, I²CNER welcomes and will consider outstanding applicants with expertise in other areas of relevance to the Institute.

REQUIRED APPLICATION MATERIALS*

1. Cover letter
2. Application form (located on website) <https://i2cner.kyushu-u.ac.jp/en/recruit/>
3. Curriculum vitae which details research experience and interests
4. Three-page research proposal that includes the following: i) Project description addressing one of the themes listed in the previous section, describing the state-of-the-art in the field, and the importance of the problem(s) to be solved; ii) Proposed research including the technical approach and the methods to be used; iii) Relevance of the proposed research to I²CNER’s project roadmaps, milestones, targets, and benchmarks; iv) Potential impact of the proposed research; v) References
5. List of publications (separate lists for refereed journals and conference proceedings)
6. Names and contact information of four references

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

SALARY & STARTING DATE

Salary will be commensurate with qualifications and experience. The starting date will be as soon as possible after the closing date.

APPLICATION DEADLINE

- **March 31, 2021, 17:00 (Japan)**
- Document screening addressing the application's relevance to the current I²CNER needs as described in section "current openings" and the candidate's ability to establish a research program anchored in I²CNER will determine whether a candidate will be interviewed.
- Interviews may take place prior to closing date; however, no final decisions will be made until after this time.

APPLICATION SUBMISSION

Please email your application materials via email attachment to: wpi-office@i2cner.kyushu-u.ac.jp

QUESTIONS?

Please contact the I²CNER Administrative Office at: wpi-office@i2cner.kyushu-u.ac.jp

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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.