Open Faculty Position (No.004), Graduate School of Information Science, University of Hyogo

Recently, "AI for Science," which advances scientific research by integrating AI, simulation, and data analysis, has been developing rapidly, supported by advances in deep learning and generative AI technologies as well as in High-Performance Computing (HPC) infrastructure, including GPU-accelerated computing.

Taking advantage of its location adjacent to the RIKEN Center for Computational Science (R-CCS), our Graduate School is establishing a new framework to advance research and education through the advanced application of HPC and AI in respective specialized or interdisciplinary fields. Building upon our established collaborative research activities and education programs with R-CCS, we seek to foster highly skilled doctoral researchers capable of leading the emerging field of "AI for Science". Beginning this academic year, we have also launched an English-taught lecture series, "Emerging Frontiers of AI/HPC for Science," in partnership with R-CCS and other institutions. In addition, we are planning to establish a new globally oriented department by around academic year 2028, with the aim of attracting outstanding students and researchers from Japan and overseas.

Accordingly, we invite applications for an Associate Professor position. The successful candidate will be expected to actively participate in these initiatives and to demonstrate an excellent record of research achievements together with a strong passion for education. The appointee will be responsible for advancing research and education through the utilization of HPC and AI in their respective specialized or interdisciplinary fields. The appointee is also expected to teach courses in English in the new department and to contribute to the development and enhancement of computational and information infrastructure systems in cooperation with relevant internal and external institutions, including RIKEN R-CCS.

1. **Position title and the number of positions:** One full-time associate professor
2. **Affiliation:** Graduate School of Information Science
3. **Research field:** Computational Science, Data Science, or Interdisciplinary Fields
4. **Subjects to be assigned:**

   Master’s program: Course basic and applied classes in either of computational science course or data science course, research supervision-related classes, and others

   Doctoral program: Emerging Frontiers of AI/HPC for Science, lecture classes in the candidate's field of specialization, research supervision-related classes, and others (including lectures and exercises related to the planned new department)

   Undergraduate program: research supervision-related classes (upon requests from undergraduate students in the School of Social Information Science, University of Hyogo)

   * All assigned subjects are subject to change in coordination with other faculty members.
5. **Start of employment:** April 1, 2027
6. **Qualification:**

   (1) Applicants must hold a Ph.D. or an equivalent doctoral degree and possess strong enthusiasm and commitment to the research and education described above.

   (2) There are no restrictions on nationality. However, applicants must have sufficient Japanese language proficiency to carry out administrative and academic duties within the university.

   (3) Applicants must have sufficient English language proficiency to conduct lectures and seminars in English.
7. **Application documents:**

   (1) Curriculum vitae (Form 1)

   (2) Research achievements (Form 2)

   (3) Teaching and academic activities (Form 3)

   (4) Reprints and copies of up to 5 selected papers

(5) Summary of significant research (Form 4)

(6) Future research and education statements (Form 5)

(7) One recommendation letter (free format)

* All the application forms can be downloaded from https://www.u-hyogo.ac.jp/gsis/koubo.html

* We will not return the documents in any case.

* Please note that the forms are available only in Japanese. If needed, please translate the required information and other details at your own responsibility.

8. Application deadline: December 23, 2026 (JST)

N.B. Interviews may be conducted prior to the application deadline. In such cases, the recruitment process may close before the stated deadline.

9. Selection process: Screening of the documents and interview including a mock lecture. The interviewee has to pay his/her own travel expenses to attend the interview. Remote interviews will be permitted only for interviewees who reside outside Japan and are unable to travel to Japan.

10. Submission of Application Materials:

(1) Web Submission (via JREC-IN Portal)

Please combine all required application documents into a single PDF file and submit it through the JREC-IN Portal Web Application system.

(2) E-mail Submission

Please send your application materials by e-mail with the subject line **"Application for Associate Professor (No. 004)"** to the contact e-mail address below. Applicants are responsible for ensuring the security of their submissions, for example by using the NII FileSender service.

(3) Letter of Recommendation

The letter of recommendation should either be uploaded together with the application materials or sent directly by the referee to the contact address below by e-mail or postal mail.

11. Inquiry about the position:

Prof. Yoshi Fujiwara

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Note:

University of Hyogo is actively promoting diversity and inclusion. We welcome applications from all qualified candidates regardless of gender, ethnicity, religion, sexual orientation, disability and other diverse backgrounds. We explicitly invite applicants qualified in research and education to apply.