

## Open Faculty Position

The Graduate School of Information Science at University of Hyogo ([https://www.u-hyogo.ac.jp/gsis/index\\_en.html](https://www.u-hyogo.ac.jp/gsis/index_en.html)) invites applicants for full-time associate professor position.

University of Hyogo established the Graduate School of Information Science in 2021. Based on the “data science field” and “computational science field”, the Graduate School is expanding into the “healthcare science field” and “security science field”, to which information science is expected to contribute in recent years. Of these, the data science field conducts cutting-edge research in AI technology, data analysis, mathematical optimization, algorithm theory, etc., and is also responsible for education in the School of Social Information Science, which is connected to the Graduate School. Within the field of data science, mathematical optimization and algorithm theory form the basis of information technology, and are also the basis for areas such as quantum computation, which have been developing remarkably recently.

This position is open to researchers who will conduct outstanding research and education in the fields of mathematical optimization and algorithm theory, and will contribute to the development of this field. The successful candidate is expected to promote the development of not only the Graduate School but also the whole University through cross-disciplinary collaboration with researchers within the University, and to contribute to society through joint research with companies. Furthermore, we expect the successful candidate to be actively involved in the management of the Graduate School, in particular considering the relationship with School of Social Information Science mentioned above.

**1. Position title and the number of positions:** One full-time associate professor

**2. Affiliation:** Data Science Course, Graduate School of Information Science

**3. Research field:** mathematical optimization, algorithm theory

**4. Subjects to be assigned:**

Master’s program: Basic classes on information science, advanced classes on information science, Basic Study in Information Science 1 and 2, Advanced Study in Information Science 1 and 2, and others

Doctoral program: Special Study in Information Science I, II and III, and others

Undergraduate program: Classes at school of social information sciences, including mathematics, basic classes of information science, advanced classes of information science, programming practice, and others

**5. Start of employment:** April 1, 2023 (planned)

**6. Qualification:**

- (1) Ph.D. and relevant research experience
- (2) Lectures at graduate schools and supervise research activities in the master and doctoral programs
- (3) Ability to give lectures in English
- (4) Communication skills in Japanese language

**7. Application documents:**

- (1) Curriculum vitae (Form 1)
- (2) Research achievements (Form 2) and Teaching and academic activities (Form 3)
- (3) Reprints and copies of three selected papers
- (4) Summary of significant research (Form 4) and Future research and education statements (Form 5)
- (5) Two recommendation letters (free format)

\* The applicant should submit the printed papers of all the necessary documents (1)-(4) together with a USB memory stick or CD-ROM which contains the PDF files. Submission by email is unacceptable.

\* 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.

**8. Application deadline:** November 7, 2022 (JST)

**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.

**10. Address for application submission:**

Graduate School of Information Science, University of Hyogo

7-1-28, Minatojima-minami-cho, Chuo-ku, Kobe, Hyogo JAPAN 650-0047

c/o Management Department

\* Please write “Application for a faculty position in Data Science Course” in red on the front cover of the envelope. Application documents should be sent by registered mail. Note that the application documents will not be returned.

**11. Inquiry about the position:**

Prof. Shuichi Miyazaki

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7-1-28, Minatojima-minami-cho, Chuo-ku, Kobe, Hyogo JAPAN 650-0047

TEL: +81-78-303-1901

E-mail: [saiyo2022d@gsis.u-hyogo.ac.jp](mailto:saiyo2022d@gsis.u-hyogo.ac.jp)

**Note:**

The university is positively committed to promote diversity and to make efforts to take in diverse groups. Most importantly, the confident application from women is welcomed, and the university will gladly select women applicants over men if they have same level of abilities.