

**Position open: Specially appointed faculty (associate professor or assistant professor)**  
**Location: Sapporo, JAPAN**

Education and Research Center for Mathematical and Data Science of Hokkaido University invites applications for the academic position of specially appointed faculty (either associate professor or assistant professor)

<Outline>

Since December 21, 2016 when Hokkaido University was selected as one of the core universities for the governmental strategy “Strengthening education in mathematical and data science”, we’ve been working on establishing “Education and Research Center for Mathematical and Data Science”, due open on July 1, 2017. As a joint-use education facility of the University, the Center aims to develop human resources capable of resolving social problems, finding a new challenge to tackle and producing value from data using mathematical thinking and skills to analyze/utilize data. Furthermore, this center focuses on contributing to achieving “Super Smart Society” and enhancing competitiveness in the Society.

The Center consists of the “Division of Education Program” and the “Division of Tailor-Made Program” with a director, a deputy director, full-time faculty members, cross-appointed faculty members, visiting faculty members, etc. Division of Education Program is responsible for the research on cross-divisional education methods, management of teaching materials data and the issues concerning other special education programs (including certification of course completion), whereas Division of Tailor-Made Program takes charge of the research on teaching methods of course planning, education system designing to develop problem-solving skills to meet the demands of society and the issues concerning our tailor-made programs.

<Job details>

Department:

Education and Research Center for Mathematical and Data Science

Job Title:

Specially Appointed Associate Professor or Specially Appointed Assistant Professor

Number of Vacancies: 1

Minimum Qualifications and requirements:

- A doctoral degree or equivalent academic attainment
- Experiences in collaborative research with industry or local government, together with commitment to play an active role in education and research guidance for undergraduate and postgraduate students.

Duties and Responsibilities:

The successful candidate will be responsible for the below operation and assignments concerning the management of the Center.

- Project management of the Center
- Research on cross-divisional education methods, management of teaching materials data and organizing matters concerning other special education programs
- Research on teaching methods of course planning, education system designing to develop problem-solving skills to meet the demands of society and organizing matters concerning the tailor-made programs.

- Other requirements for the maintenance and the operation of the Center

Starting Date:

July 1, 2017 or at the earliest date possible thereafter

Appointment Terms:

From the start date to March 31, 2022 (non-tenured)

Required Application Documents:

- 1) CV with your contact details (postal address, phone number and e-mail address), academic background starting from high school graduation, professional background, academic degrees, rewards and punishments and your signature. Do not forget to attach your photo to the CV.
  - 2) Research accomplishments from the most recent in reverse chronological order (categorized into peer-reviewed journals, peer-reviewed conference papers, books, tutorial papers and review papers, invited talks, patents, awards, competitive research funds (state whether you were “principal investigator” or “co-investigator”) and other papers/presentations. Special notes should be made separate from journal papers. If available, provide the Impact Factor (IF) and the number of citations you received for each peer-reviewed journal.
  - 3) Offprints or photocopies of your principal academic publications, up to 5 titles
  - 4) A detailed account of your principal academic publications, and a summary of education and research activities including your achievements in teaching career (up to 1,000 words, no specific format required)
  - 5) Your aspirations with the job description (up to 1,000 words, no specific format required)
  - 6) Two names of referees with contact details (affiliation, phone number and e-mail address)
- \* Application documents will not be returned.

To apply: Submit all the documents described in the above “Required Application Documents 1) to 6)” to

**Project Committee Chair**

**Education and Research Center for Mathematical and Data Science**

**Hokkaido University**

**Kita 17, Nishi 8, Kita-ku, Sapporo, 060-0817 JAPAN**

\* Please mark **“CV Enclosed - Specially Appointed Faculty, Education and Research Center for Mathematical and Data Science”** in red on the front of the envelope.

Deadline for Application Receipt:

Wednesday, May 31, 2017 (Japan Standard Time) (Deadline must be strictly observed)

Contact :

Unit for Mathematical and Data Science Education, Academic Planning Division, Academic Affairs Department  
Hokkaido University

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TEL +81-11-706-4401

FAX +81-11-706-7854

E-Mail [mdsc@academic.hokudai.ac.jp](mailto:mdsc@academic.hokudai.ac.jp)

\*See the following page for further information regarding the selection of the core universities for “Strengthening education in mathematical and data science”:

Ministry of Education, Culture, Sports, Science and Technology

[http://www.mext.go.jp/b\\_menu/shingi/chousa/koutou/080/index.htm](http://www.mext.go.jp/b_menu/shingi/chousa/koutou/080/index.htm)