Hokkaido University EXEX Doctoral Fellowship Research Proposal

Name: _____

Research Subject: _____

[Notes]
(1) The recommended font type is Yu Mincho (or Hiragino Mincho) for Japanese and Times New Roman for English.
(2) The font size should be 11pt. Only references can be resized. Please include references within the specified number of pages.
(3) A format other than this one will not be considered for the selection.

(4) Italics can be deleted upon submission.
(5) Line spacing and margins are not specified.
(6) Please use the name entered on the application form for the research proposal.

[00] Summary of research proposal

Please provide a brief, one-page summary, focusing on the outline of the contents described in "[01] Research background, objectives, and methods" and "[02] Ideas for extension and implementation of research results to society in Japan," ***including figures or tables as needed****. Please delete the Italics upon submission.*

[01] Research background, objectives, and methods (5 points each)

1) Regarding the positioning of research that you will conduct in this fellowship, describe the background such as the situation and problems in the relevant field, problems, issues to be solved, and how you came up with the idea, listing references. (5 points)

2) Provide a specific and clear description of the objectives, annual plan, methods, etc. and to what and how deep extent you intend to clarify. (5 points)

(*Please provide a clear and concise description of your research, which may include figures and tables. It should be no more than two pages.*)

**If you are a current doctoral student, you may focus on your research achievements to date. Please delete italics in the submitted version.*

1) Positioning of research that you will conduct during the fellowship

2) Objectives, annual plan, methods, etc.

【02】Ideas for extension and implementation of research results to society in Japan (reasons for applying for this fellowship) (5 points)

Please describe the ideas of how your research results broadly apply and take social implementation into science and technology, industry, and culture. Also please describe what new set of social values will be created from your research results.

(Please describe your research clearly and concisely with figures and tables, if necessary. It should be one page.) Please delete italics in the submitted version.

Ideas for extension and implementation of research results to society in Japan.

[03] Self-assessment of ability to conduct research and research achievements (5 points)

(Please provide a clear and concise description, which may include figures and tables. It should be within four pages.) Please delete italics in the submitted version.

① Applicant's ability to conduct research

(Describe the applicant's ability to conduct the research, including specific details of the research activities to date that demonstrate the ability to carry out this research. If necessary, you may include items that are not directly related to this research concept. (e.g., enrollment in or participation in classes or special education programs not directly related to your field of specialization, participation in symposia and seminars, study abroad experience, activities in organizations inside or outside the university)

② Papers published in journals and review papers as research achievements, presentations at international conferences, domestic conferences and symposia, patents, awards, etc.

Please list your achievements according to the categories below. The list should be numbered consecutively, and items that are not applicable should be marked as "N/A". You may also add to the list achievements for which you are not the first author. The name of the applicant should be underlined. Paper under review may also be listed. However, you may be asked to submit proof (submission record, e-mail, etc.) indicating that the work is under review.

1. **Papers published in academic journals (including bulletin, review papers, etc.)**

Please indicate whether they are under peer-review or accepted. List the authors (names of all authors, including the applicant (maximum 20 names), in the same order as in the paper), title, journal name, publisher, volume number, beginning page - end page, and year of publication in this order.

1-1 Full paper (peer-reviewed)

1-2 Letter paper (peer-reviewed)

2. **Comment and review articles in academic or commercial journals, books**

3. **Presentations at international conferences**

Please indicate whether they were oral or poster presentations and whether they were peer-reviewed or not, separately. List the authors (names of all authors, including the applicant (maximum of about 20), in the same order as in the papers, etc.), title, the conference name, place, month and year. Please mark the presenter with "O". Exclude those scheduled for presentation. However, if your application for presentation has been accepted, you may include it.)

3-1. Presentations at international conferences (peer-reviewed)
3-2. Presentations at international conferences (not peer-reviewed)

4. **Presentations at domestic conferences/symposia, etc.**

(Please enter the same information as in 3. Presentations at international conferences.)

4-1. Presentations at domestic conferences/symposia, etc. (peer-reviewed)
4-2. Presentations at domestic conferences/symposia, etc. (not peer-reviewed)

5. **Awards/Prizes (Please indicate the category of international or domestic)**

5-1. Awards/Prizes (international) *(In case of the one you were awarded at an international conference, etc. that was held in Japan, please indicate it here.)*
5-2. Awards/Prizes (domestic) *(In case of the one awarded to an international student at a domestic conference, etc. that was held in his/her home country, please indicate it here.)*

6. **Patents, etc.**

(Indicate whether applied for, published, or obtained. If the application is pending and details cannot be described, only a summary description is acceptable.)

7. Extension of Research Results and Social Collaboration Activities (For Support Category 2,

only activities related to Japan are eligible.)

8. Others

(Achievements other than those classified in 1-6. Awards received, participation in academic conferences, participation in symposia and seminars, etc.)

Total research results and achievements *(Enter the total number below.)*

	Achievements	Total number
1-1	Full-paper (peer-reviewed journal papers)	
1-2	Letter paper (peer-reviewed journal papers)	
2	Comment and review articles in academic or commercial journals, books	
3-1	Presentation at international conferences (peer-reviewed)	
3-2	Presentation at international conferences (not peer-reviewed)	
4-1	Presentation at domestic conferences and symposia (peer-reviewed)	
4-2	Presentation at domestic conferences and symposia (not peer-reviewed)	
5-1	Awards/Prizes (international)	
5-2	Awards/Prizes (domestic)	
6	Patents	
7	Extension of Research Results and Social Collaboration Activities	
8	Others	

[04] Self-evaluation to participate in the program (motivation, career path plan, etc.) (5 points)

1) Describe your current self-analysis and measures to improve your abilities in the following four areas: (1) DX and AI promotion skills, (2) problem identification and solution skills, (3) social collaboration and co-creation skills, and (4) international communication skills. Describe how you would like to use this fellowship to improve these abilities.

2) Describe your career path you pursue and what you will do in this fellowship to achieve it.

(Provide a clear and concise description of your thoughts, which may include figures and tables. It should be one page) Please delete italics in the submitted version.

1) Current self-analysis and measures to improve four abilities and how you would like to use this fellowship to improve these abilities.

2) Career path you pursue and what you will do in this fellowship to achieve it.