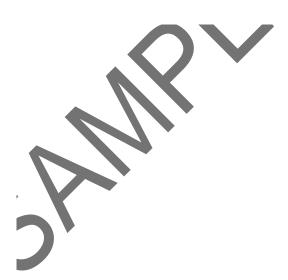# DX Doctoral Fellowship Application Form

> **Note:**
> 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.
> ③ The line spacing should be 15pt.

0   Summary of research proposal

Please provide a concise, <u>one-page</u> summary of your research, focusing on the background, objectives, methods and significance of your research as a challenging and interdisciplinary study. In particular, emphasize the challenging and interdisciplinary aspects of your research, with a full understanding of the aims of this Fellowship program.
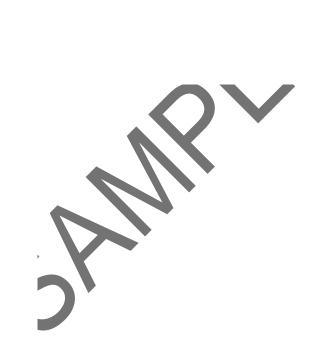
1   Research background, objectives and methods

(Please provide a clear and concise description of your research, which may include figures and tables. In principle, no more than 2 pages)

① Describe the background of your research, how you came up with the idea, the problems and issues to be solved,

② Describe the research objectives, methods, annual plan, etc., with references.

※If you are a current student, you may focus on your research achievements to date.
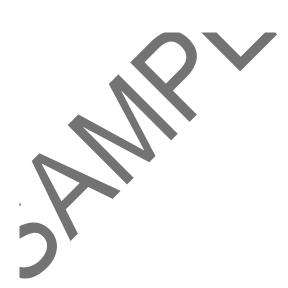
2   Significance as a challenging and interdisciplinary research project (reasons for applying for this fellowship)
(Please provide a clear and concise description of your research, which may include figures and tables. In principle, it should be approximately one page.)

【Significance as a challenging and interdisciplinary research】

① What is the significance of this research concept as challenging and interdisciplinary research in light of the current state of academia? If it is a pioneering or exploratory research project, describe its potential originality as a challenging research project. If it is a multidisciplinary research project, describe its relevance to a variety of fields.

【Return of research results to society】

② Describe the ideas that lead to the application and implementation of your research results to society in a broad sense, including science and technology, industry, and culture, and the social value that will be created.

3 Ability to conduct research (list your research achievements, including journals, international conferences, patents, awards, etc.)

(Please provide a clear and concise description of your research, which may include figures and tables. In principle, it should be approximately one page)

① 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 Please list the applicant's research achievements, such as papers published in journals, presentations at international conferences, patents, awards, etc.

SAMPLE

4　Feasibility of applying DX (Digital Transformation) to your research

(Provide a clear and concise description of your thoughts, which may include figures and tables. In principle, it should be approximately one page)

Describe your motivation for using DX, the significance of applying DX to your research, and the benefits to be gained.

5   Self-evaluation to participate in the programme (motivation, career path plan, etc.)

(Provide a clear and concise description of your thoughts, which may include figures and tables. In principle, it should be approximately one page)

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

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