**Research Proposal for the Forefront Physics and Mathematics Program to Drive Transformation (FoPM) Application**

[For Prospective Students Entering the Doctoral Course]

**[Name of Applicant: ]**

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| **1. Research Status up to date**   1. Describe the background to past researches, issues, solution measures, purposes of the researches, methods of the researches, characteristics, and unique points by citing important documents in the relevant field. 2. Organize the applicant’s research progress so far and obtained results, and describe them in association with above. If past research results were presented as papers or at academic conferences, etc., please clarify the part which the applicant was in charge, and describe its contents. |

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| **2. Research Proposal**  (1) Research Goals and Area of Study   1. Describe your research goals, methods, and area of study. 2. Explain the defining characteristics of your research, what makes it original, and the impact it will have when it is completed. 3. Give details of your plans, including what you intend to reveal and to what extent. |

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| (2) Timeline for Your Proposal  The length of description for each year may be changed as long as the whole description is within the given space. |

(First year)

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(Second year)

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(Third year onward)

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| **3. Research Background**  List only those works in which you played a central role. List each item with a number, and state "Not applicable" for categories in which you do not have anything to list. Underline the applicant’s name. The length of description for each category may be changed as long as the whole description is within the given space.  (1) Presentations given at conferences and symposia, both domestic and international (Divide your list into oral and poster presentations, as well as reviewed and non-reviewed, and mark them accordingly.)  List only those presentations that were given by the applicant. For each item, provide the names of all authors (including the applicant, in the same order as at the time of presentation; you may omit part of the list of names by substituting them with "and XX others" if there are many co-authors), title of the presentation, name of the conference, identification number of the paper, location, and month and year of your presentation. (Presentations planned for the future should be excluded, except in cases where your submission has already been accepted. In such cases, you must attach a document verifying the acceptance of your paper.)  (2) Papers published in academic journals and books (List only those works that have already been printed or accepted for publication. Divide your list into reviewed and non-reviewed publications.)  For each item, you must provide the names of all authors (including the applicant, in the same order as in the paper; you may omit part of the list of names by substituting them with "and XX others" if there are many co-authors), title of the paper, name of the journal, publisher, volume, issue, and page numbers, and year of publication, in this order. For papers already accepted but not yet published, you must attach documents verifying their acceptance.  (3) Other (e.g., awards) |

(1)

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(2)

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| **4. Essay on Your Motivation for Applying for FoPM and Your Vision for Your Future Career**  Describe why you wish to apply for this program and your career plans after graduating from the Doctoral course (e.g., industry, academia, government).  Describe how you aspire to create new ideas while proactively communicating and cooperating with others from different fields and cultures, and how you will use this expertise to independently contribute to society in your future career.  In addition, explain how you will take advantage of your strengths and achievements of special note (e.g., experience studying abroad, distinctive extracurricular activities) as a FoPM student and in your future career. |

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