

# Application for Core Research Cluster for Materials Science Award 2023

|                     |                       |                                |
|---------------------|-----------------------|--------------------------------|
| Name of applicant   |                       | Academic degree:               |
|                     |                       | Year and month of acquisition: |
|                     |                       | Authority:                     |
| Contact information | Phone:<br>(ext.:)     | E-mail:                        |
| Affiliation         | Department/Institute: | Job title:                     |
|                     | Laboratory:           |                                |

## Title of research:

*(Please erase the italicized notes before submitting the form. Do Not erase any black text that is not in italics.)*

*As for the title, please provide a brief description of the research you are currently conducting, not to exceed 20 words. Avoid using special symbols in the title.*

## Current research and its development:

(If there is any impact on this research caused by interruption of research due to life events such as childbirth, childcare, nursing care, etc., please indicate such impact)

*Please describe the research concept as a whole and describe what has been achieved so far and the future direction you are aiming for. (Please describe it in such a way that researchers outside your field of expertise can understand its academic and industrial significance.)*

***Two pages, including this page. Text in 11 point font. Diagrams may be included.***

*If there are any deliverables (e.g., papers, patents, etc.) that can be used as the basis for your description, please provide information necessary for their identification:*

*Author(s), name of journal, starting page, year of publication, etc. For unpublished materials, only those that have been accepted for publication.*

### **Applicant's previous research achievements:**

If there is any impact on research activities due to life events, etc., please indicate the period and timing of such events.

*Please list academic papers, reviews/books, patents and other intellectual property, external funding, awards received, invited lectures, etc., in order from the most recent to the least recent.*

*If your affiliation at that time was not Tohoku University, please write "(other institution)" at the end of each item.*

**No more than two pages, including this page. Text in 11 point.**

#### **Academic papers :**

*Please clarify whether or not they are peer-reviewed. If peer-reviewed, the article must have been accepted for publication.*

*Example: Author(s) (enter all up to 10 names in the same order and underline the applicant's name. For more than 10 names, enter the number of authors after clarifying the applicant's rank), title, journal name, volume number, pp. start - end, and year of publication.*

#### **Reviews/books:**

#### **Patents and other intellectual property:**

#### **External funding acquired:**

*Please separate "KAKENHI" and other. Enter from the most recent one accepted.*

*Example: The name of the fund (e.g., Grant-in-Aid for Scientific Research, etc.), starting year - ending (planned) year (in Western calendar year), role (e.g., principal investigator), name of the project, and amount (not including indirect costs).*

#### **Awards, invited lectures, etc.:**

## **Explanation of major accomplishments:**

*Please select three of the most significant research achievements from those listed in the "Applicant's previous research achievements" section and describe, in approximately 150 words for each, about the academic or industrial significance and the applicant's role in the achievements.*