(Form 1)

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| Ref. No. |  |

**Academic Research Grant Application Form [Special Category]**

Date:

Hyogo Science and Technology Association

Mr. Kimihiko Hirao, Chairman

I hereby apply for the foregoing grant, as follows.

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| **Applicant**Name | (Representative, for group research) (seal) | DOB | Date:( years old as of April 1, 2023) |
| Institution | Name |  |
| Department |  | Title |  |
| Address |  |
| Contact | TEL FAXE-mail |
| Home Address |  |
| Academic Background |   |
| Field of Expertise |  | Degree |  |
| Main Career History | YR | MO |   |
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| **Research Topic (up to 20 words)** |
| **Period of Research Plan** - , 2023 |
| **Field of Research Topic**Write the code (5 digits) that best matches your topic among the Basic Section codes in the Review Section Table of the “KAKENHI” Grants-in-Aid for Scientific Research (up to two codes may be used as reference if the applicant wishes to do so). \*Use one letter for the Broad Section Broad Section (　 ) Basic Section Code Basic Section ( )

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<Ref> Broad Section (　 ) Basic Section Code Basic Section ( )

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Broad Section (　 ) Basic Section Code Basic Section ( ) |

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| **Circle the infrastructure you plan to use.** **(All, if more than one.)**1. Large-Scale Synchrotron Radiation Facility SPring-82. X-Ray Free Electron Laser Facility SACLA3. New SUBARU Synchrotron Radiation Facility4. Prefectural Synchrotron Radiation Research Center (Analysis Equipment)5. Fugaku Supercomputer6. Foundation for Computational Science’s FOCUS Supercomputer7. New Materials Research Center (3D printer for metals, etc.)

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| **\* Provide a brief supplementary explanation of the necessity and importance of using this infrastructure.** |

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| **Evaluation points will be added for each item, so please circle items that correspond to your research.** **(All, if more than one.)**1. Research using Hyogo Beamline　 2. Industry-university collaborative research3. Research that combines 2 or more of the above infrastructure4. Research contributing to advancement of materials informatics5. Research contributing to countermeasures against novel coronavirus infections6. Research contributing to the realization of a post-coronavirus society

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| **\*Please provide a brief supplementary explanation for each item.** |

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Academic Research Grant Application Form (ctd.)

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| thousand yen |

**Plan for Use of Grant Funds**  **Total cost to conduct this research.**  Indicate cost for entire plan, not only 2023. Should match the amount in “\*1“ of the “Total” column below.**○Research cost for the entire plan** (thousands of yen)

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|  | Name, etc. | Main Use | Total Cost | Amt. from Grant |
| 2023Year | Equipmentand Supplies |  |  |  |  |
| OtherExpenses |  |  |  |  |
| Total | - |  |  | \*2  |
| (Ref)2024Year | Equipmentand Supplies |  |  |  |  |
| OtherExpenses |  |  |  |  |
| Total | - |  |  |  |
| (Ref)2025Year | Equipmentand Supplies |  |  |  |  |
| OtherExpenses |  |  |  |  |
| Total | - |  |  |  |
| Total |  |  | \*1  |  |

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| 1,000 thousand yen |

 **Application amount for 2023 \***2: should match the amount of “\*2“ in the “Total” column for 2023ndicated above. |
| **Research funds and grants from other sources \*Please fill in only amounts for your representative.**Please provide the total amount, including indirect expenses, of all research funds and grants which have been received, are pending approval, or are planned for application by the applicant, from the last five years.Note 1) Put a circle in the “Related” column for items related to this application.Note 2) For multiple years, write the total amount for the grant period in the “Grant/Application Amount” column. Even if funds have not been fully received, the full amounts should be listed as “received.”Note 3) Funding which has been approved but has not yet been received should be listed as “received.”

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| Related | GrantYear | Name of Research Grant(Name of Funding Institute) | Research Theme | Grant/Application Amount(thousands of yen) | Notes(Circle the appropriate item) |
| (Ex.)○ | 2021 -2023 | Grant-in-Aid for Scientific ResearchFundamental Research (C) | 〇〇〇〇〇 | 8,000 | Received - Pending - Planned |
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**Outline of Research Plan (Part 1)**

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| **Summary of Application** (120 words max) |
| **Keywords (up to 3):** |
| **Purpose of Research** Fill in the following items **clearly and concisely** on this page.  |
| **1. Background and Purpose of Research****2. Creativity and Novelty of Research****3. Potential for Future Development****4. Circumstances Surrounding Research** (contributions to daily life and industry, as well as ripple effects; status of research in Japan and abroad; status of related research in the prefecture) |

**Outline of Research Plan (Part 2)**

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| **Research Execution Plan and Methods** Fill in the following items **clearly and concisely** using 2 - 3 A4 pages. |
| **1. Research Execution Plan****2. Research Methods****3. Research Schedule, Yearly Goals****\*For Special Category entries, indicate the schedule and yearly goals not only for the year in question, but for the entire plan.****4. (For group research) Researcher’s Role, Name, Affiliation, Title****5. Explanation of Technical Terms** |

**Outline of Research Plan (Part 3)**

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| **Summary of Research Experience** Write, in the following format on a single A4 sheet, the main research achievements, including research papers, books, etc., published by the applicant (or representative, for group research), in relation to this research since 2018.[Serial number, author(s) (write all authors and underline the applicant’s name), title of the paper, journal, volume number, page, year of publication] If the applicant is the first author, circle the serial number, and if the applicant is the corresponding author, draw a box around the serial number.  |
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