

**Agreement for International Joint Graduate Program  
between  
RIKEN  
and  
Department of Physics and Materials Science, Chiang Mai University**

RIKEN and Department of Physics and Materials Science, Faculty of Science, Chiang Mai University (hereinafter referred to as "PMS-CMU"), being convinced that education and research collaboration between RIKEN and PMS-CMU (hereinafter referred to as the "Parties") will both enrich the PMS-CMU graduate course and effectively promote RIKEN research activities, hereby make this Agreement for International Joint Graduate Program (hereinafter referred to as the "Agreement") as follows:

**Article 1: International Joint Graduate Program**

The Parties shall establish an International Joint Graduate Program (hereinafter referred to as the "Program") to identify and foster talented young scientists capable of contributing to future research collaboration not only between RIKEN and PMS-CMU, but also between Japan and Thailand in the field of science and technology, as well as contributing to the advancement of science for the global community.

**Article 2: Appointment of External Expert**

- 2.1 PMS-CMU, upon written recommendation of candidates by RIKEN, shall appoint RIKEN scientists as External Experts of PMS-CMU, who will be appointed as a co-supervisor and a defense committee for Ph.D. program (hereinafter referred to as "External Expert")
- 2.2 The term of the External Experts shall be for three (3) years, renewable throughout the duration of this Agreement, unless either Party wishes to terminate the appointment earlier by written notice.
- 2.3 The External Experts may sometimes stay at PMS-CMU to work within this Program (including lectures or seminars for PMS-CMU graduate students) while this Agreement applies. The expense related to the stay will be under the responsibility of RIKEN.
- 2.4 The External Experts shall be subject to all PMS-CMU rules and regulations for the duration of their stay at PMS-CMU.
- 2.5 The External Experts shall be appointed as co-supervisors to supervise the doctoral students who participate in this Program (hereinafter referred to as "Program Students").

**Article 3: Designated Academic Staff**

- 3.1 PMS-CMU shall appoint academic staff of PMS-CMU as supervisors or co-supervisors (hereinafter referred to as "Designated Academic Staff") of the Program Students for the Ph.D. program.
- 3.2 The term of the Designated Academic Staff shall be for the duration of this Program, unless either Party wishes to terminate the appointment earlier by written notice.
- 3.3 Designated Academic Staff from PMS-CMU may visit RIKEN during this Program in pursuance of duties as co-supervisor. The expense related to the stay will be under the responsibility of PMS-CMU.

**Article 4: Application Procedure**

- 4.1 The application and selection procedure for the Ph.D. program at PMS-CMU shall be applicable in the selection of the Program Students. The External Experts shall participate in the selection process of the Program Students.

- 4.2 PMS-CMU graduate students shall apply for this Program by submitting a written research proposal to the External Experts and the Designated Academic Staff.
- 4.3 The proposal must be written in English or Japanese.
- 4.4 The successful candidates will be notified in writing through the PMS-CMU Dean's Office

#### **Article 5: Supervision of Research**

- 5.1 Program Students shall stay at RIKEN for a designated period (maximum three (3) years) under the joint supervision of the External Experts and the Designated Academic Staff.
- 5.2 The period of stay and nature of research at RIKEN shall be mutually agreed upon by both Parties and the Program Students.

#### **Article 6: Award of the Certificate for the Program and the Doctoral Degree**

- 6.1 RIKEN and PMS-CMU shall jointly evaluate the Program Students' research. If satisfied that it meets the required standards, PMS-CMU shall award the doctoral degree, and RIKEN and PMS-CMU shall jointly award a certificate for the Program.
- 6.2 All examination procedures for the doctoral degree at PMS-CMU shall be applicable in the award of the doctoral degree for the Program Students, but PMS-CMU shall invite the External Experts to participate in the examination process to the extent possible.

#### **Article 7: Conduct**

- 7.1 Program Students shall sign a written statement agreeing to abide by all relevant RIKEN rules and procedures, including those relating to safety, office activities and travel.
- 7.2 Program Students shall be liable for any damage to facilities and equipment caused intentionally or through negligence.
- 7.3 Program Students shall be responsible for payment of statutory health insurance premiums in Japan.

#### **Article 8: Share of Responsibilities**

- 8.1 RIKEN shall accept Program Students as International Program Associates (IPAs) at RIKEN, and RIKEN will cover the cost of the Program, including living expenses in Japan and one round trip travel fare.
- 8.2 RIKEN may also cover accommodation expenses and travel/injury insurance, as defined in the Annex1, while the IPAs are at RIKEN except for such personal expenses as utilities, telephone and the like.
- 8.3 RIKEN laboratories shall make a reasonable effort to provide the Program Students visiting under the terms of this Agreement with appropriate access to research facilities and equipment.

#### **Article 9: Research Results**

- 9.1 Prior to the publication of all or part of the results of research conducted at RIKEN under this Agreement, Program Students must first gain permission from the External Experts and notify RIKEN of all relevant developments.
- 9.2 Program Students shall abide by RIKEN intellectual property regulations for any new discoveries, designs or inventions generated by work undertaken at RIKEN as part of this Agreement.

#### **Article 10: Confidentiality**

Program Students shall not disclose to a third party any secret or confidential information acquired during their stay at RIKEN.

**Article 11: Consultation**

Any questions about the interpretation of this Agreement or issues not covered by its provisions shall be resolved through mutual consultation between the Parties.

**Article 12: Amendment**

Any amendments to this Agreement shall be subject to the prior mutual written agreement of both Parties.

**Article 13: Duration**

13.1 This Agreement shall come into effect upon being signed by representatives of both Parties and remain valid for a period of five (5) years.

13.2 This Agreement shall be reviewed during the penultimate year and extension may be considered.

**Article 14: Compliance with Laws and Regulations**

All activities and programs conducted in connection with this Agreement shall be done in compliance with all applicable laws, regulations and guidelines, including those related to export controls, of the countries or regions and institutions in which the activities are conducted, and international conventions and protocols ratified by the countries or regions to which each Party belongs.

Each Party shall sign two copies of this Agreement, one of which shall be kept by RIKEN and the other by PMS-CMU.

For RIKEN:



Dr. NAKA Makiko  
Executive Director  
RIKEN

For PMS-CMU:



Assoc. Prof. Dr. Supab Choopun  
Head of Department of Physics and  
Materials Science  
Faculty of Science  
Chiang Mai University

Date: April 14, 2023

Date: April 11, 2023