

Guideline for Applications of International Research Collaboration of ICC-IMR, Tohoku University

1. Objective

This institute, as a world-class Center of Excellence (COE) for Material Science, has provided open (management/ operation) for researchers in Japan and all around the world. By providing advanced technology research equipment in large and unique facilities to university/research organization researchers, has contributed to promotion of Material Science research and development of research communities in Japan. As a COE in material research, this institute has achieved a social task by widely publishing the results of collaboration research. In recent years, much effort has been put into international collaboration research, due to the globalization of research in this field. To take this collaboration one step further and to strength the international presence as a world-class COE, this institute is launching international collaboration research program.

2. Structure of research group

Applicant groups should be organized by both faculty members of this institute and researchers from foreign research or educational organizations (industrial and commercial organization are not eligible). General technical staff or graduate students can be involved as investigators in each group. Staff inside Japan should follow the bases of the inter-university collaboration research program.

3. Application subject types

Applications can be divided in 4 types:

(Type G) Visiting Professors

Individuals staying for longer than a month can apply for a visiting professorship. Successful applicants are employed as formal visiting professors of IMR.

Qualifications: University professors, associate professors, lecturers or equivalent, foreign researchers.

Eligibility: Under 70 years of age and once accepted, cannot apply for three years. In addition to continuous stay type, there is a part-time staying type. In the latter, one can split the stay in several ones.

- 1) Applicants may apply twice within a six-year period. However, the appointment shall be made only once in the same fiscal year, so that the appointments shall not be substantially consecutive across fiscal years.
- 2) If you are selected for a full-time position, you may apply for a part-time position the following year, but in this case, please allow four years for the next application.
- 3) There is no limit to the number of applications per laboratory. However, in order to ensure fairness between the laboratories, the selection will be made comprehensively. If several candidates apply at the same time within one laboratory, the laboratory may be asked to indicate the priority of the candidates.

(Type F) Fellowships for Young Researchers

*The System has changed. Please apply through the GIMRT website. We do not accept direct applications to the ICC-IMR.

<https://gimrt.appli.imr.tohoku.ac.jp/login>

- 1) Purpose: The Young Fellowship Program will change to a program that supports stays of 2-3 months in combination with GIMRT Single Visit. In addition, short-term stays for participation in conferences are not eligible.
- 2) Eligibility: Post-Doctoral Researchers and PhD. Students from Abroad.
- 3) If you plan to stay longer than one month, please fill in the young fellows' fields a)-e) in the GIMRT Single Visits application and attach CV_Form3.
- 4) In the case of students, the representative of the application should be the student's supervisor and the student should be a collaborator in the GIMRT single-visit program. The fellow must buy medical and disability insurance suitable for stay for research.

(Type W) Workshops

International workshops based on this institute can be held to promote international research on material science. Faculty members of this institute should represent applications and board members of the workshop should contain foreign researchers.

We can support travel expenses for both invited speakers from domestic institutes and overseas institutes. You must choose one of the following options.

- 1) Workshop with domestic and overseas guests: Maximum 2.0 million JPY
- 2) Workshop with only overseas guests: Maximum 1.5 million JPY
- 3) Sponsorship: Financial support is available for large-scale international workshops with approximately 1,000 participants. Maximum of 0.5million JPY. Conditions apply, so those considering applying should consult with the ICC in advance

It is preferred that each workshop be held in collaboration by other sponsors.

(Type J) Integrated Project

Teams containing Japanese and foreign researchers, conducting joint research on development of material science are eligible for application. Applications should be represented by foreigner researchers. Accepted application will be granted total budget of 3 ~10 million JPY, this budget can be used for inviting foreign researchers, providing research equipment, consumption or travel expenses of researchers of this institute involved in the joint research and can be extended for 2 years. Project should be focused on international collaboration.

1~2 projects will be granted each year.

4. Method of application

- 1) Download application forms from the homepage of this institute.
URL: <http://www.icc-imr.imr.tohoku.ac.jp/>
- 2) Researchers of this institute should submit the forms directly, and researchers from other organizations should submit application forms through a host staff in this institute.
- 3) Application forms should be sent to this E-mail icc-imr@grp.tohoku.ac.jp by the subject of "ICC-IMR application".
- 4) Outline of research and name of staff of each research group can be found on the home page of this institute.

- 5) All types can be applied for four times a year. For more information check the home page mentioned above.
 - 6) All application materials should be submitted in English.
5. Evaluation of applications
- 1) Workshops are evaluated by board members of International Collaboration Center based on these criteria:
 - ① Academic values and contribution to material science
 - ② Importance of international research collaboration
 - ③ Necessity and validity of the budget
 Applications and applied budget are strictly evaluated based on these points.
 - 2) Integrated Project applications are evaluated by international referees based on the criteria (a)-(c) given above and then the final evaluation is made by a meeting of board members of International Collaboration Center. Extension of budget through the second year will be adjusted considering financial situation of the center and development of the proposed research.
 - 3) The visiting professors are evaluated by the International Collaboration Center based on the research achievement and research plan, and will be adopted as professors, associate professors and assistant professors.
6. Report of results
- Result of each research collaboration should be submitted to this center in a format that will be presented elsewhere. Publishing the results as journal articles are highly recommended. Publishing the results in journal, please remember to acknowledge the support of this center in a way similar to the following line: "This work was supported by ICC-IMR of Tohoku University". Please send an electronic version of the article to this center via this E-mail address: icc-imr@grp.tohoku.ac.jp
7. Further notices
- 1) To contact this center please use this E-mail address:
"icc-imr@grp.tohoku.ac.jp".
 - 2) Method of payment of invited researchers travel expenses should be based on this institute's policy.
 - 3) Administration of equipment and supplies for collaboration research should be based on this institute's policy.
 - 4) In case of foreign applicants, this center will not be responsible for accidents during the collaboration research. Foreign applicants should be insured for any possible accident during the collaboration.
 - 5) Further agreements will send to accepted collaborations with the acceptance letter and all members of the group should sign the agreement including representative of the group.