

Osaka City University Advanced Mathematical Institute
Application Guidelines for Joint Usage/Research projects on 2020

In April 2019, Osaka City University Advanced Mathematical Institute has been certified as a MEXT “Center for Joint Usage/Research” .

Project name : ” Joint Usage/Research Center on Mathematics and Theoretical Physics”
Research field : Mathematics (algebra, geometry, analysis), Theoretical physics
(mathematical physics, astrophysics)

As a continuation of the call for proposal of research projects for fiscal year 2019, and as a part of the Joint Usage/Research project, we are pleased to announce call for proposal of research projects for fiscal year 2020. The overview and guideline are as follows.

Please note that the present call for proposals is assuming certification of grant, planned at April 2020, by MEXT.

1. Purpose and Overview

Since the 21st Century COE Program, Osaka City University Advanced Mathematical Institute (OCAMI) has been keeping joint research and research exchange with domestic and foreign universities, and builds international/domestic networks. As a new stage, advancing the previous activity, OCAMI, as a center for joint usage/research, expands new international research/education by collaboration/co-creation of mathematics and theoretical physics. By circulating talented researchers by joint usage/research though domestic/international networks, in the area of mathematics and theoretical physics, OCAMI is aimed at further strengthening the foundation and development of academic research, creation of new research, and cultivation of young internationally-researchers, and establishes an internationally-leading research/education center.

2. Call for proposals of joint usage/research projects

The present call for proposal consists of three types, (1), (2), (3) in the following list, and is aimed at joint usage/research corresponding to the above research areas.

In principle joint usage/research projects should be for fiscal year 2020 (April 2020–March 2021).

(1)	Joint Usage/Research (general)	Joint Usage/Research (A)	Planned number of participants : greater than or equal to 50. Desired aid amount : within 2,000,000 (yen)
		Joint Usage/Research (B)	Planned number of participants

			: within 50. Desired aid amount : within 1,000,000 (yen)
		Joint Usage/Research (C)	Planned number of participants : within 10. Desired aid amount : within 100,000 (yen)
(2)	International Joint Work 「Mathematical Science of Symmetry, Topology and Moduli」		
(3)	Large Scale International Conference		

※ Desired aid amount is for **travel expense (domestic travel expense, expense for invitation of foreign researcher) • talk, or gratuity for research cooperation • expense for venue.**

※ For (2), foreign travel expense is allowed.

(1) Joint Usage/Research (general)

● Joint Usage/Research (A) :

Planned number of participants: greater than or equal to 50

Desired aid amount (domestic travel fee • invitation fee for foreign researcher)

● : within 2,000,000 (yen) Joint Usage/Research (B) :

Planned number of participants: within 50

Desired aid amount (domestic travel fee • invitation fee for foreign researcher)

: within 1,000,000 (yen)

● Joint Usage/Research (C) :

Planned number of participants : within 10

Desired aid amount (domestic travel fee • invitation fee for foreign researcher)

: within 100,000 (yen)

Terms:

In principle, joint usage/research should be conducted at Osaka City University (Sugimoto campus or Umeda Satellite campus) . In the case of other domestic places, approval by center committee is required.

(2) International Joint Work 「Mathematical Science of Symmetry, Topology and Moduli」

Terms :

Joint research should be conducted at foreign universities and research institutes that have concluded a research cooperation agreement with OCAMI, oversea institute which cooperated to the Brain Circulation Program promoted by OCAMI (please see “list of international partner institute”), or OCAMI. Research results are expected though joint research, invitation of researchers at the above foreign university/institute, and mid-term to long-term dispatch of young researchers.

(3) Large Scale International Conference

Terms:

Project should promote collaboration/co-creation of mathematics and theoretical physics. In principal joint usage/research should be conducted at Osaka City University (Sugimoto campus or Umeda Satellite campus) . In the case of other domestic places, approval by center committee is required.

3. Application

【Documents for submission】

- (1) Proposal for Joint usage/research (Excel)
- (2) References (free format : Program in plan, related papers)

● By e-mail

※ Please write 「application for 2020 OCAMI research proposal」 in the subject space

● By mail

※ Please write 「application for 2020 OCAMI research proposal」 in red color

【Address】

3-3-138 Sugimoto, Sumiyoshi-ku, Osaka 558-8585, Japan,
Osaka City University Advanced Mathematical Institute,
Yuko Komori (secretary of “center for joint usage/research”)
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4. Application period

12 February, 2020 (in plan) 17:00 (JST)

5. Selection

After selection process by project selection committee, certified by deliberation due to center committee.

Selection criteria :

- ① Feasible and expected with certainty.
- ② International level research can be expected.
- ③ Supporting development of young researchers.
- ④ Promoting collaboration/co-creation of mathematics and theoretical physics.

6. Adaption and rejection :

The result will be informed to the proposer by later of February 2020. If the project is adapted, aid amount will be unofficially announced.

Official aid amount will be informed to the proposer after certification of grant, planned at April 2020, by MEXT.

7. Procedure after adoption

- (1) After the adoption, secretary of the center will inform you the process on the submission of implementation planning worksheet, etc.

- (2) After finishing joint usage/research, please submit the report on the joint usage/research to the secretary of the center.
- (3) Report the information on research results (preprint, paper, book, etc.) to secretary of the center.

8. Others

- (1) Before submitting proposal, the proposer should take contact with the OCU researchers in the proposal. If not, the application will be rejected in principle.
- (2) The information on the adopted research project, such as project name, abstract, research plan, and research results will be opened at the homepage of the center.
- (3) It is recommended to submit preprint, which is a research result of the project, to the OCAMI Preprint Series. OCAMI Preprint Series is registered to the repository of the Osaka City University. We can give a doi to the preprint if the author wants. Note that the author can not publish the paper once a doi is given.

If the content, such as preprint, submitted to the OCAMI Preprint Series is published to other places, please report the information on the publication to the secretary of the center as soon as possible.

- (4) If the proposer wants to make/publish a report consisting the abstracts of talks (OCAMI Reports), please check “13. Reports” in the proposal. The OCAMI report will be registered to the repository of the Osaka City University, and we can give a doi to the OCAMI report if the proposer wants.
- (5) By approval of the center committee, the proposer can hold a jointly hosted conference with another research institute/group.

9. Contact

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