

# **National Synchrotron Radiation Research Center Procedures and Administration for the Application and Subvention of Beamline Experimental Proposal**

## 1. Purpose

The purpose of the Procedures is for the National Synchrotron Radiation Research Center (hereafter referred to as NSRRC) to promote the synchrotron radiation related scientific research and technology and to effectively manage the application and subvention of the beamline experimental proposals.

## 2. Definition

In the Procedures, beamline experimental proposals refer to the academic research proposals with experiments conducted at NSRRC beamlines or collaborative beamlines of NSRRC and the related research results required for publication.

Principal investigators (hereafter referred to as PI), except for special users, are required to apply for the proposal and subvention according to the Procedures. The definition of special users and the regulation of subvention are made otherwise.

## 3. Qualification of PI

Applicants of domestic or overseas institutions must meet at least one of the following qualifications:

3.1 The assistant professor, assistant research fellow or above.

3.2 The full-time teaching or research fellow with Ph.D. degree or the post-doc research fellow has involved in the related research for more than one year and has published research results in the domestic and international academic journals.

3.3 The instructor or lecturer with more than four-year experience has published research results in the domestic and international academic journals, patents, technical reports or books.

3.4 The medical doctor works in a teaching hospital or research institute for more than two years, or medical related professional with master degree, has involved in research work for more than four years and published research results in domestic and overseas academic journals.

## 4. Period for the proposal application

Beamtime for the entire year is divided into three cycles with the span of each for four months. The applicant PIs should submit their experimental proposals before the deadline announced. NSRRC will not accept the overdue submitted proposals.

## 5. Proposal application

PIs are allowed to submit more than one proposal at a time. Each proposal can be

used to apply for more than one beamline.

PIs should submit the proposals to NSRRC User Portal online. NSRRC will not accept the proposals with incomplete document or inconsistency on regulations.

## 6. Proposal Review

New proposals are reviewed as following concerns:

6.1 The process of review: New proposals are first reviewed in terms of the technology and method by beamline spokespersons and safety concerns by the experimental safety review panel. The approved proposals are then evaluated in terms of scientific merits by the proposal evaluation panel (PEC). The coordinator/chairperson of PEC in the individual field collects the review comments from the PEC members to rank the proposals.

6.2 Major concerns for evaluation: PEC members evaluate the proposal mainly based on the significance and innovation of the topic, plausibility of research program and method and its expected results. The research production and capability of the PI are also taken into account for evaluation.

6.3 Beamtime schedules are arranged based on the ranking after proposal review and evaluation. Each approved proposal is effective for two years (Six successive cycles).

Review for the continued proposals: PIs are required to submit the experiment result from the last cycle and the experiment plan for the current cycle. The research plan undergoes the technical review by beamline spokespersons and safety review by experimental safety review panel. The beamtime is allocated after application is approved. PIs are able to apply for using other new beamline using the same proposal.

NSRRC shall inform each PI of the result of the proposal evaluation.

## 7. Beamtime allocation

Beamline spokespersons shall arrange beamtime schedules according to the review results and the applied shifts of the cycle. Beamtime schedules are then announced after the approval of the scientific research authority.

The users who use NSRRC beamlines located abroad should follow the regulations of the local institute in the foreign country.

## 8. Appeal

PIs, who hold different opinions from the result of proposal evaluation and beamtime allocation, can make an appeal by filling out the enclosed appeal form and returning to the User Administration & Promotion Office.

The appeal review group is organized by the chair of the User Executive Committee, one recommended expert from academic and research field, and NSRRC scientific research authority.

The User Administration & Promotion Office shall inform the appellant of the appeal review result.

## 9. Subvention

Subvention is provided only to users of domestic affiliations. The application procedure is as follows:

### 9.1 Experimental location in Taiwan:

9.1.1 Subvention is provided to the following experiment members, except for PI:

9.1.1.1 Post-doc research fellows.

9.1.1.2 Research assistants.

9.1.1.3 Students who register at universities.

9.1.1.4 Members of domestic affiliations who participate in projects of overseas PI.

9.1.1.5 Winners of NSRRC's scholarship related to synchrotron radiation research, including doctoral candidates and program students.

9.1.2 The post-doc research fellows and full-time project assistants whose salaries are paid by NSRRC are illegal for subvention.

9.1.3 Subvention for each proposal is provided according to the actual days of experiments.

9.1.4 Items for subvention are listed below. Specific regulations are listed in "Regulations for the Application and Subvention of Beamline Experimental Proposal".

9.1.4.1 Transportation subsidy

9.1.4.2 Meals and miscellaneous allowance

9.1.4.3 Accommodation subsidy

### 9.2 Experimental location at SPring-8, Japan:

9.2.1 Subvention is provided to actual experiment members, including the PI.

9.2.2 Items for subvention are listed below. Specific regulations are listed in "Regulations for the Application and Subvention of Beamline Experimental Proposal".

9.2.2.1 Passport application fee

9.2.2.2 Visa application fee

9.2.2.3 Insurance subsidy

9.2.2.4 Airfare

9.2.2.5 Transportation subsidy

9.2.2.6 Accommodation subsidy

9.2.2.7 Meals and miscellaneous allowance

## 10. Submission of research result

PIs are required to submit the annual experiment report during the announced period. If the annual report for the previous year is not submitted, the PI is not allocated beamtime until he or she has completed the submission.

The following lists are required at submission:

10.1 Publication lists (including accepted, in-press, published, and conference papers) relevant to NSRRC.

10.2 Student dissertation list.

10.3 Patent list.

11. Others

Double subsidy for a single experiment day from NSRRC as well as other institutes for an applicant is strictly forbidden. In case the applicants receive double subsidy, the additional subsidized amount has to be returned by the PI.

12. For matters not listed here, please refer to related NSRRC regulations.

13. The above Procedures are announced to take effect after approved in the NSRRC administration meeting and by the NSRRC director, and the same shall apply to any amendment thereto.

**National Synchrotron Radiation Research Center**  
**Appeal Form for Beamline Experimental Proposal Review and**  
**Beamtime Allocation**

Submitted Date : \_\_\_\_\_ (mm/ dd/ yyyy)

Principal investigator's name	
Principal investigator's affiliation	
Proposal number	
Appeal category	<input type="checkbox"/> Ranking of the proposal <input type="checkbox"/> Beamtime allocation <input type="checkbox"/> Others. Please specify: _____
Explanation (Please specify the reasons for appeal.)	
Appeal review result and opinions	