

**Project of the Department of Frontier Photonic Sciences, Center for Novel
Science Initiatives (CNSI) for FY 2018
Selection Guidelines**

The selection of the “Project of the Department of Frontier Photonic Sciences, CNSI” will be conducted at the Faculty Meeting of the Department of Frontier Photonic Sciences (hereinafter referred to as “Faculty Meeting”) and the decision of acceptance will be made according to this selection guidelines.

I. Policy of the Selection

We will select research projects based on innovative ideas, where novel characteristics and technologies of light are fully utilized, irrespective of existing research fields. The program aims at new development of optical sciences by integrating methodologies, technologies, and knowledges of different research fields, through cooperation of researchers in different research fields in Japan and overseas.

II. Stakeholders Exclusion

The exclusion of stakes concerning the evaluation shall be as follows:

- ① If a member of the faculty meeting is a joint researcher of a theme under application, he/she shall not join the evaluation.
- ② If a member of the faculty meeting uses his/her judgment that he/she falls under any of the following items in relation to the representative investigator and co-investigator(s) of a theme under application, he/she shall not join the evaluation.
 - (1) Established kinship ties or equivalent close personal relationship
 - (2) Close partnership to engage in joint research
(For example, a person who bears a close partnership in executing joint research, co-authoring a research paper, or as a member of a society of the same objective)
 - (3) Affiliation in identical research units (Researcher, etc. in identical courses)
 - (4) Close mentoring relationship or direct employment relationship
 - (5) A confrontational relationship or competitive relationship where the result or evaluation of the theme under application may possibly lead to a direct benefit for a member of the faculty meeting

III. Selection Process, etc.

1. Selection Process

- ① The faculty meeting shall conduct a selection of the documents based on the “application form” on the research theme proposed by the representative investigator.
- ② The faculty meeting shall decide the accepted themes through consultation based on the results of the document selection of the faculty meeting.

2. Focal Points for the Selection

(1) Research Goals and Targets

Is the research objective and content based on a flexible mindset and novel techniques and based on novel concepts in the field? Is the research plan taking advantage of the new characteristics and techniques of light?

(2) Research Organization for Inter-Disciplinary Fields

Is it the research organization able to implement inter-disciplinary research fields?

(3) Research Outline

Is it a research with a concretely described research content, high feasibility within the specified period of research? Does it have a potential impact on relevant fields?

(4) Medium and Long-Term Developments

Can we expect creation of an “exploratory research area” on a medium to long-term perspective?

(5) Expenses

In light of the research goals and outline, are the research expenses reasonable?

3. Selection Procedure

(1) Document Selection

The document selection which shall be conducted individually by the faculty meeting shall focus on each element of Selection Guidelines III. "2. Focal Points for the Selection" and an evaluation shall be conducted and comments given from the following Table 1. In addition, in the case a member of the faculty meeting falls under the category of a “stakeholder” in the theme under selection, he/she shall declare such fact and the member shall note comments only and not make an evaluation.

Table 1

Evaluation Items	
(1) Research Goals and Targets	
(2) Research Organization for Inter-Disciplinary Fields	
(3) Research Outline	
(4) Ripple Effects Leading to Developments into the Creation of an “Exploratory Research Area”	
(5) Expenses	
Comprehensive Evaluation	
Comment Column	
Evaluation Classification	
A	Very good proposal
B	Good proposal
C	Somewhat inadequate proposal
D	Inadequate proposal

(2) Collegial Screening

The faculty meeting shall decide accepted research themes based on the results of the document selection of the faculty meeting.

IV. Others

1. Disclosure, Publication, etc.

(1) The selection process shall not be disclosed.

(2) Regarding the selection result, applicants shall be given notification individually and regarding the accepted research theme, the following information shall be disclosed in the website of the Department of Frontier Photonic Sciences, CNSI.