



## Materials & Life

*Call for Proposals of  
Materials and Life Science Researches at  
RIKEN Nishina Center (No. 8)*

July 11, 2011

Hideto En'yo

*Director of Nishina Center for Accelerator-Based Science, RIKEN*

This is the call for proposals of experiments on materials and life science studies at the RI Beam Factory (RIBF) and the RIKEN muon facility at Rutherford-Appleton Laboratory in UK (RIKEN-RAL) of RIKEN Nishina Center for Accelerator-Based Science (RNC).

Program Advisory Committee is being organized for evaluation of experimental proposals in fields of atomic physics, materials science, chemistry, biology and medical researches, either new proposals or continuation of on-going experiments, at RNC-RIBF and RIKEN-RAL.

Some notices for the applicants are as follow:

- (1) We call for proposals of
  1. experiments at the RIKEN accelerator facility,
  2. beam time request for development of experimental equipment, and
  3. construction of large size instrumentations whose feasibility study has been completed.
  
- (2) The submitted proposal must be written in English, and contain a cover sheet which can be downloaded from a web site:  
<http://www.nishina.riken.jp/UsersGuide/ML-PAC/index.html>

The cover sheet should be followed by detailed information on the proposed experiment, whose format is free and should include the following description:

1. Goals and methods of the proposed experiment,
2. Experimental setup and conditions,
3. Estimation of beam time requested, and
4. Readiness.

(3) Please specify if you have a full-time person at RIKEN who can act as a liaison between you and RNC about your proposal.

(4) Approved experiments are to be completed within two years, in principle. If an experiment does not finish within 2 years, a request for an extension or a new experimental proposal must be submitted.

(5) Those who plan to use the following facilities are requested to get in touch with the contact persons while preparing the proposals.

- |   |                  |                         |
|---|------------------|-------------------------|
| 1. GARIS :                              | Kosuke Morita    | (morita@ribf.riken.jp)  |
| 2. RIPS :                               | Hideki Ueno      | (ueno@riken.jp)         |
| 3. BigRIPS/ZeroDegree :                 | Toshiyuki Kubo   | (kubo@ribf.riken.jp)    |
| 4. Facilities at existing accelerators: | Tadashi Kambara  | (kambara@ribf.riken.jp) |
| 5. Muon facility                        | Katsuhiko Ishida | (ishida@riken.jp)       |

(6) Useful information on the beam lines and experimental facilities are found on the web site: <http://www.nishina.riken.jp/UsersGuide>. For further details, please contact the User Support Office ([mlpac-support@riken.jp](mailto:mlpac-support@riken.jp)).

Proposal should arrive at User Support Office by **29 July 2011**. Electronic submission is strongly recommended.

User Support Office  
Nishina Center for Accelerator-Based Science  
RIKEN  
2-1, Hirosawa, Wako, Saitama, 351-0198, JAPAN  
Email : [mlpac-support@riken.jp](mailto:mlpac-support@riken.jp)

**Key dates: Deadline of proposal submission : 29 July, 2011**  
**Oral Presentations (Nishina Hall) : 5 and 6 September, 2011**