

Program Advisory Committee meetings for nuclear physics and for materials and life experiments

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The Program Advisory Committees (PAC) is in charge of reviewing scientific proposals submitted for use of the accelerator facility of RIKEN Nishina Center (RNC). In Fiscal Year 2016, two PAC meetings were held; one for proposals of nuclear physics (NP-PAC), and one for proposals of materials and life experiments (ML-PAC). The NP-PAC reviewed experimental proposals at RIBF, whereas the ML-PAC reviewed proposals at Rutherford Appleton Laboratory (RAL) and RIBF.

NP-PAC

The 17th NP-PAC meetings were held on December 1–3, 2016¹⁾. From this 17th NP-PAC, the experimental proposals which utilize the Rare RI Ring were called for the first time.

In the 17th NP-PAC meeting, 25 proposals were reviewed, and 17 proposals were approved as grade S or A. There was a proposal which requested beam time for both RIPS and BigRIPS, and only RIPS part was approved. The outcome of these NP-PAC meetings is summarized in Table 1.

The 17th NP-PAC members are as follows:

B.M. Sherrill (NSCL, MSU, the chair), A. Andreyev (University of York), A. Bracco (INFN), I. Hamamoto (University of Lund/RNC), H. Iwasaki (MSU), W. Loveland (Oregon State University), S. Nakamura (Tohoku University), T. Nilsson (Chalmers University of Technology), K. Ogata (RCNP, Osaka University), T. Rauscher (University of Hertfordshire), H. Simon (GSI), O. Sorlin (GANIL, absent), A. Tamii (RCNP, Osaka University), Y. Utsuno (JAEA), P. Van Duppen (KU Leuven), Y.-H. Zhang (IMP).

ML-PAC

The 13th ML-PAC meeting was held on January 19–20, 2017²⁾. This was the first ML-PAC meeting where the proposals were reviewed only with documents submitted, i.e. no presentation was made by the proponents. In this meeting, 25 RAL proposals and 5 RIBF proposals were reviewed. The summary of the outcome of the meeting is given in Table 2.

The 13th ML-PAC members are as follows:

A. Hiller (ISIS, RAL, the chair), T. Azuma (RIKEN),

Table 1. Summary of the outcome of the 17th NP-PAC meeting. The proposals ranked with S and A are treated as the “approved” proposals. There was a proposal which requested beam time for both RIPS and BigRIPS.

17th NP-PAC (December 1–3, 2016)		
	requested proposals (days)	approved proposals (days)
GARIS (RILAC)	2 (29)	2 (29)
CRIB (AVF)	2 (27)	0 (0)
RIPS	2 (15.5)	2 (10.5)
KISS	2 (19.5)	2 (14.5)
BigRIPS/ZD	11(12) (104)	7 (49)
Rare RI Ring	2 (29.5)	1 (10)
SAMURAI	4 (38)	3 (25)
Construction	0 (-)	0 (-)
Total	25(26) 262.5	17 (138)

Table 2. Summary of the outcome of the 13th ML-PAC meeting.

13th ML-PAC (January 19–20, 2017)		
	requested proposals (days)	approved proposals (days)
RAL	25 (171)	17 (54)
RIBF	5 (28)	5 (28)
Total	30 (199)	22 (82)

R. Kadono (KEK), A. Kawamoto (Hokkaido University), N. Kojima (Toyota RIKEN), K. Kubo (ICU), P. Mendels (University of Paris), A. Shinohara (Osaka University), S. Sulaiman (Universiti Sains Malaysia, absent), H. Yamase (NIMS), S. Yoshida (Thera Projects Associates, absent), and X.G. Zheng (Saga University).

References

- 1) <http://www.nishina.riken.jp/RIBF/NP-PAC/index.html>
- 2) <http://www.nishina.riken.jp/RIBF/ML-PAC/index.html>

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