

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

K. Yoneda, ^{*1} K. Ishida, ^{*1} H. Yamazaki, ^{*1} N. Imai, ^{*2} Y. Watanabe, ^{*3} K. Yako, ^{*2}
H. Miyatake, ^{*3} H. Ueno, ^{*1} and H. Sakai^{*1}

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 2015, 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 16th NP-PAC meetings were held on December 3 – 5, 2015¹⁾. From this NP-PAC meeting, Institute of Particle and Nuclear Studies (IPNS), KEK, participated in the cooperative operation of the NP-PAC meeting together with RNC and Center for Nuclear Study (CNS), the University of Tokyo. The experimental proposals which utilize KISS were called for the first time.

In the 16th NP-PAC meeting, 34 proposals were reviewed, and 26 proposals were approved as grade S or A. The outcome of these NP-PAC meetings is summarized in Table 1.

Before this NP-PAC meeting, eight PAC members were renewed. The 16th NP-PAC members are as follows:

B.M. Sherrill (NSCL, MSU, the chair), A. Andreyev (The University of York), A. Bracco (INFN), H. Iwasaki (MSU), I. Hamamoto (Univ. of Lund/RIKEN Nishina Center), 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), A. Tamii (RCNP, Osaka University), Y. Utsuno (JAEA), P. Van Duppen (K.U. Leuven), Y.-H. Zhang (IMP).

ML-PAC

The 12th ML-PAC meeting was held on February 16 – 17, 2016²⁾. In this meeting, 47 RAL proposals and 3 RIBF proposals were reviewed. The summary of the outcome of the meeting is given in Table 2.

Table 1. Summary of the outcome of the 16th NP-PAC meeting. The proposals ranked with S and A are treated as the “approved” proposals.

	16th NP-PAC (December 3 – 5, 2015)	
	requested proposals (days)	approved proposals (days)
GARIS (RILAC)	4 (89.5)	4 (57.5)
CRIB (AVF)	5 (55.5)	3 (32)
RIPS (RRC)	3 (29)	3 (20)
BigRIPS/ZDS	11 (101)	8 (45.5)
SHARQA	1 (15)	1 (8)
SAMURAI	9 (81)	6 (23.5)
Proposal for Scientific Program Construction	1 (11)	1 (8)
Total	34 (382)	26 (195.5)

Table 2. Summary of the outcome of the 12th ML-PAC meeting.

	12th ML-PAC (February 16 – 17, 2016)	
	requested proposals (days)	approved proposals (days)
RAL	47 (234.5)	43 (125)
RIBF	3 (28.5)	3 (28.5)
Total	50 (263)	46 (153.5)

The 12th ML-PAC members (including two new members) are as follows:

A. Hiller (ISIS, RAL, the chair), T. Azuma (RIKEN), R. Kadono (KEK), A. Kawamoto (Hokkaido Univ.), N. Kojima (Univ. of Tokyo), K. Kubo (ICU), P. Mendels (Univ. Paris, Orsay), S. Sulaiman (Universiti Sains Malaysia), H. Yamase (NIMS), S. Yoshida (Thera Projects Associates), and X.G. Zheng (Saga Univ.).

References

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

^{*1} RIKEN Nishina Center

^{*2} Center for Nuclear Study, the University of Tokyo

^{*3} Wako Nuclear Science Center, Institute of Particle and Nuclear Studies, KEK