

Program Advisory Committee meetings for nuclear physics and for material and life science

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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 2014, three PAC meetings were held; two for proposals of nuclear physics (NP-PAC), and one for proposals of material and life science (ML-PAC). The NP-PAC meetings were co-organized by RNC and the Center for Nuclear Study (CNS), the University of Tokyo. The NP-PAC reviewed experimental proposals at RIBF, whereas the ML-PAC reviewed proposals at Rutherford Appleton Laboratory (RAL) and RIBF.

NP-PAC

The 14th and 15th NP-PAC meetings were held on June 27 and 28, 2014, and December 12 and 13, 2014, respectively¹. In the 14th (15th) NP-PAC meeting, 23 (20) proposals were reviewed, and 11 (14) proposals were approved as grade S or A. The outcome of these NP-PAC meetings is summarized in Table 1.

Before the 14th NP-PAC meeting, one of the PAC members resigned, and no new member was added. Consequently, the number of the PAC members became sixteen.

The PAC members of the 14th and 15th NP-PAC meetings are as follows:

M.N. Harakeh (KVI, the chair), R.F. Casten (Yale Univ.), H. Emling (GSI), H. Iwasaki (Michigan State Univ.), W. Loveland (Oregon State Univ.), S. Nakamura (Tohoku Univ.), T. Nakatsukasa (RNC), T. Nilsson (Chalmers Univ. of Technology), C. Scheidenberger (GSI), B. Sherrill (FRIB Lab.), O. Sorlin (GANIL), A. Tamii (RCNP, Osaka Univ.), F.-K. Thielemann (Univ. of Basel), Y. Utsuno (JAEA), M. Yahiro (Kyushu Univ.), and Y. Ye (Peking Univ.).

ML-PAC

The 11th ML-PAC meeting was held on January 8 and 9, 2015². In this meeting, 31 RAL proposals and 8 RIBF proposals were reviewed. The summary of the outcome of the meeting is given in Table 2.

The 11th ML-PAC members are as follows: J.-M. Poutissou (TRIUMF, the chair), A. Amato (PSI), T. Azuma (RIKEN), A. Hiller (ISIS, RAL), R. Kadono (KEK), A. Kawamoto (Hokkaido Univ.), N. Kojima (Univ. of Tokyo), K. Kubo

Table 1. Summary of the outcome of the 14th and 15th NP-PAC meetings. The proposals ranked with S and A are treated as the “approved” proposals.

14th NP-PAC (June 27 – 28, 2014)		
	requested proposals (days)	approved proposals (days)
GARIS (RILAC)	1 (26)	1 (26)
CRIB (AVF)	3 (37)	1 (18)
RIPS (RRC)	3 (38)	3 (16.5)
BigRIPS/ZDS	9 (88)	3 (20.5)
SHARAO	1 (5.5)	0 (0)
SAMURAI	6 (50.5)	3 (21)
Construction	0 (-)	0 (-)
Total	23 (245)	11 (102)

15th NP-PAC (December 12 – 13, 2014)		
	requested proposals (days)	approved proposals (days)
GARIS (RILAC)	0 (0)	0 (0)
CRIB (AVF)	3 (19.333)	3 (19.333)
RIPS (RRC)	0 (0)	0 (0)
BigRIPS/ZDS	12 (91.5)	7 (34)
SHARAO	0 (0)	0 (0)
SAMURAI	5 (40.5)	4 (12.5)
Construction	0 (-)	0 (-)
Total	20 (151.333)	14 (65.833)

Table 2. Summary of the outcome of the 11th ML-PAC meeting.

11th ML-PAC (January 8 – 9, 2015)		
	requested proposals (days)	approved proposals (days)
RAL	31 (208)	30 (123)
RIBF	8 (66)	7 (50)
Total	39 (274)	37 (173)

(ICU), D.E. MacLaughlin (UC Riverside), S. Maekawa (JAEA), P. Mendels (Univ. Paris, Orsay), 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>

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