

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

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The Program Advisory Committees (PAC) are in charge of reviewing the scientific proposals submitted for the use of the accelerator facility of RIKEN Nishina Center (RNC). Three PAC meetings were held in fiscal year 2017; one for the proposals of nuclear physics (NP-PAC), and two for the 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 18th NP-PAC meeting was held from December 7–9, 2017,¹⁾ with attendance of 16 PAC members including 8 new members. In this meeting, the experimental proposals that utilize OEDO were called for the first time.

In the 18th NP-PAC meeting, 36 proposals were reviewed, and 25 proposals were approved as grade S or A. The outcome of the NP-PAC meeting is summarized in Table 1.

The 18th NP-PAC members are as follows:

A. Bracco (INFN, the chair), D. Ackermann (GANIL), A. Andreyev (University of York), I. Hamamoto (University of Lund/RNC), R. V. F. Janssens (University of North Carolina at Chapel Hill), A. O. Macchiavelli (LBNL), D. J. Morrissey (MSU), T. Nagae (Kyoto University), H. Nakada (Chiba University), K. Ogata (RCNP, Osaka University), T. Rauscher (University of Hertfordshire), K. Sekiguchi (Tohoku University), H. Simon (GSI), P. Van Duppen (KU Leuven), Y. -H. Zhang (IMP). Angela Bracco from INFN became a new chairperson of the meeting.

ML-PAC

The 14th and 15th ML-PAC meetings were held on July 3, 2017, and January 11, 2018, respectively.²⁾ The proposal review was performed using only submitted documents, *i.e.*, no presentation was given by proponents, as was done for the first time in the 13th ML-PAC meeting. The outcome of the meeting is summarized in Table 2.

The 14th and 15th ML-PAC members are as follows:

Table 1. Summary of the outcome of the 18th NP-PAC meeting. The proposals ranked as S and A are treated as the “approved” proposals.

18th NP-PAC (December 7–9, 2017)		
	requested proposals (days)	approved proposals (days)
GARIS (RILAC)	2 (57)	2 (53.5)
CRIB (AVF)	5 (38.5)	3 (17)
RIPS	1 (6)	1 (3)
KISS	3 (23.5)	3 (16.5)
BigRIPS/ZD	19 (133.5)	12 (50.5)
SHARAQ/OEDO	2 (16.5)	1 (10.5)
Rare RI Ring	1 (15)	1 (10.5)
SAMURAI	3 (27)	2 (15.5)
Total	36 (317)	25 (173.5)

Table 2. Summary of the outcome of the 14th and 15th ML-PAC meetings. The RIBF proposals ranked as A are treated as the “approved” proposals.

14th ML-PAC (July 3, 2017)		
	requested proposals (days)	approved proposals (days)
RAL	12 (52)	8 (26)
RIBF	3 (18.5)	2 (8)
Total	15 (70.5)	10 (34)
15th ML-PAC (January 11, 2018)		
	requested proposals (days)	approved proposals (days)
RAL	21 (87)	17 (47)
RIBF	1 (6.5)	1 (6.5)
Total	30 (199)	22 (82)

A. Hiller (ISIS, RAL, the chair), T. Azuma (RIKEN), 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), H. Yamase (NIMS), S. Yoshida (Thera Projects Associates), 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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