

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 2013, 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 RAL and RIBF.

NP-PAC

The 12th and 13th NP-PAC meetings were held on June 28 and 29, 2013, and December 13 and 14, 2013, respectively¹⁾. The outcome of these NP-PAC meetings is summarized in Table 1.

After the 12th NP-PAC meeting, eight NP-PAC members were renewed. The PAC members of the 12th and 13th NP-PAC meetings are as follows:

12th NP-PAC meeting: R. Tribble (Texas A&M, the chair), R.F. Casten (Yale Univ.), H. Emling (GSI), T. Glasmacher (MSU), M.N. Harakeh (KVI), M. Huyse (KU Leuven), T. Kishimoto (Osaka Univ.), M. Lewitowicz (GANIL), C.J. (Kim) Lister (UMass Lowell), T. Nakamura (Tokyo Tech.), T. Nakatsukasa (RNC), A. Ono (Tohoku Univ.), C. Scheidenberger (GSI), T. Shimoda (Osaka Univ.), F.-K. Thielemann (Univ. of Basel), M. Yahiro (Kyushu Univ.), and Y. Ye (Peking Univ.).

13th NP-PAC meeting: M.N. Harakeh (KVI, the chair), R.F. Casten (Yale Univ.), H. Emling (GSI), H. Iwasaki (Michigan State Univ.), C.J. (Kim) Lister (UMass Lowell), 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 10th ML-PAC meeting was held on July 2 and 3, 2013²⁾. Before the meeting, one of the PAC members from RAL was renewed. In this meeting, twenty-four RAL proposals and seven 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 12th and 13th NP-PAC meetings. Proposals ranked with S and A are treated as “approved” proposals.

12th NP-PAC (June 28 – 29, 2013)		
	requested proposals (days)	approved proposals (days)
GARIS (RILAC)	2 (33)	1 (15)
RIPS (RRC)	1 (6)	0 (0)
BigRIPS/ZDS	17 (137.5)	7 (26)
SHARAQ	0 (0)	0 (0)
SAMURAI	8 (101.5)	4 (21.5)
Construction	0 (-)	0 (-)
Total	28 (278)	12 (62.5)

13th NP-PAC (December 13 – 14, 2013)		
	requested proposals (days)	approved proposals (days)
GARIS (RILAC)	2 (51)	2 (51)
RIPS (RRC)	4 (51.5)	3 (34)
BigRIPS/ZDS	13 (134.5)	5 (49.5)
SHARAQ	1 (8.5)	1 (8.5)
SAMURAI	4 (51.5)	4 (31.5)
Construction	1 (-)	1 (-)
Total	25 (297)	16 (174.5)

Table 2. Summary of the outcome of the 10th ML-PAC meeting.

10th ML-PAC (July 2 – 3, 2013)		
	requested proposals (days)	approved proposals (days)
RAL	24 (131)	23 (75)
RIBF	7 (75.5)	6 (60.12)
Total	31 (208.5)	29 (135.12)

The 10th ML-PAC members are 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 (ICU), D.E. MacLaughlin (UC Riverside), S. Maekawa (JAEA), P. Mendels (Univ. Paris, Orsay), H. Yamase (NIMS), S. Yoshida (Yokohama City Univ.), 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>