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

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There are two Program Advisory Committees (PACs) that are responsible for reviewing submitted proposals in the fields of nuclear physics (NP-PAC) and materials and life science (ML-PAC). The NP-PAC is co-organized by the RIKEN Nishina Center (RNC), the Center for Nuclear Study (CNS), the University of Tokyo, and the Wako Nuclear Science Center (WNSC), Institute of Particle and Nuclear Studies (IPNS), KEK. The NP-PAC reviews experimental programs at RI Beam Factory (RIBF), whereas the ML-PAC reviews those at the Rutherford Appleton Laboratory (RAL) and RIBF.

NP-PAC

The 23rd NP-PAC meeting was held in a hybrid format on December 5–7, 2022 at 9:00–18:30 JST,[1] where 40 proposals were submitted and reviewed. One letter-of-intent was also submitted. For the first time in three years, the committee members and the experiment representatives participated in a face-to-face meeting, although the audience participated online. Proposals were evaluated on the basis of five grades: S, A, B, C, and D. Those with a grade of B or higher were approved, of which those with a rating of S or A will be given priority for beamtime allocation. Table 1 summarizes the outcome of the 23rd NP-PAC meeting.

The members of the 23rd NP-PAC meeting were M. J. G. Borge (Chair, Consejo Superior de Investigaciones Científicas), S. Grevy (Centre dÉtudes Nucléaires de Bordeaux Gradignan), M. Dasgupta (The Australian National Univ.), J. Dilling (Ork Ridge National Laboratory), M. Gorska (GSI Darmstadt), T. Kawabata (Osaka Univ.), M. Matsuo (Niigata Univ.), R. Zegers (Michigan State Univ.), N. Aoi (Osaka Univ.), R. Charity (Washington Univ. in St. Louis), G. Martínez-Pinedo (Technische Univ. Darmstadt / GSI), I. Moore (Univ. Jyväskylä), T. Saito (RIKEN), P. J. Woods (Univ. Edinburgh), A. Vitturi (Univ. Padova), and X. Zhou (Chinese Academy of Sciences).

Table 1. Summary of the outcome of the 23rd NP-PAC meeting. The sum of the proposals ranked with S and A is listed in the "approval" columns.

	23rd NP-PAC (December 5–7, 2022)			
	proposal number		beam time (days)	
	request	approval	request	approval
RILAC (GARIS, ...)	0	0	0	0
AVF (CRIB, ...)	3	1	32.5	11
RRC (KISS, ...)	4	3	41	18
BigRIPS/ZD	25	10	151.85	45
SHARAQ/OEDO	1	1	6	2.5
Rare-RI Ring	1	1	17.5	9
SAMURAI	6	4	63.5	25.5
(BigRIPS-related	33	16	238.85	82)
Total	40	20	312.35	111

ML-PAC

The 23rd ML-PAC meeting was held in January 2023.[2] At this meeting, only proposals for the use of the RIBF were solicited, and not proposals for the use of muon beams at RAL. The one submitted RIBF proposals was reviewed, where the review was conducted through email, in consideration of the number of applications. For experimental proposals using RIBF, the same evaluation grade as for NP-PAC was adopted. The outcome of the meeting is summarized in Table 2.

The members of the 23rd ML-PAC meeting were A. D. Hillier (Chair, RAL-ISIS), T. Adachi (Sophia Univ.), J. Kishine (The Open Univ. Japan), Y. Kobayashi (The Univ. Electro-Communications), Y. Miyazawa (Yamagata Univ.), K. Shimomura (KEK), T. Takayanagi (Saitama Univ.), Z. Qin (CAS-IMP), and I. Yamauchi (Saga Univ.).

Table 2. Summary of the outcome of the 23rd ML-PAC meeting. For the RIBF proposals, the sum of the proposals ranked with S and A is listed in the "approval" columns.

	23rd ML-PAC (January 2023)			
	proposal number		beam time (days)	
	request	approval	request	approval
RAL	*—no call for proposals—*			
RIBF				
AVF	1	1	6	4
Total	1	1	6	4

References

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

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