

Selection of Proposals to be listed on the SRM SRM掲載提案の選定

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[Section 3.2] Recommended Proposal for Implementation

- ▶ In the preliminary SRM report, no classification has been shown.
- ▶ Following is development procedures of the classification, and a tentative classification will be shown as a reference.
- ▶ Note that they are not the final decision, and SRM committee will carry out further discussions to reach a consensus.

How the Proposals are Listed on SRM (before)

- ▶ Not all the proposals will be listed on SRM
- ▶ Three-level classification
 1. Listed on the NAOJ SRM with high priority
「国立天文台のSRMに高い優先度で掲載」
 2. Listed on the NAOJ SRM
「国立天文台のSRMに掲載」
 3. Not listed on the NAOJ SRM, but will be recorded in the SRM report
「不掲載」、ただしSRM報告書には記載する
- ▶ Background discussion for the decision:
 - ▶ As a lots of efforts are put in to prepare the proposal, all the proposals should be recorded in the SRM report, as they have high science value.

How the Proposals are Listed on SRM (proposed)

- ▶ All the proposals will be listed on SRM
- ▶ Three-level classification (TBD)
 1. (Lv.1) Proposals having high priority to be implemented as an NAOJ projects
「国立天文台のプロジェクトとしての優先度が極めて高い」
 2. (Lv.2) Proposals having priority to be implemented as an NAOJ projects
「国立天文台のプロジェクトとしての優先度が高い」
 3. (Lv.3) Proposals required further study to be implemented as NAOJ projects
「国立天文台のプロジェクトとして実行するには更なる検討が必要」
- ▶ Background discussion for the decision:
 - ▶ The term “not listed” or “Failed” is too strong.
It may result in a bad reputation of the failed proposal and may work negative.

Inputs for the Classification

Evaluations are made based on

- ▶ Scores (out of 10) for the following 7 evaluation points / 下記の7評価軸について各10点満点で採点
 - (1) Scientific Significance : 科学意義が明確になっているか / Is the scientific significance clear?
 - (2) NAOJ necessity : 国立天文台で実施する必然性があるか/国立天文台の施設を活かしているか / Is there a necessity for implementation at NAOJ/ whether NAOJ facilities are being utilized ?
 - (3) International Competitiveness : 国際的な競争力があるか / Is it internationally competitive?
 - (4) Next Generation Development : 次世代研究者の育成に資するか / Does it contribute to the development of the next generation of researchers?
 - (5) Technically Readiness : 技術的な準備ができていますか / Is it technologically ready?
 - (6) Identifying Resource : 必要な予算・人材リソースが把握できているか / Is the necessary budget and manpower figured out?
 - (7) Implementation plan clearness : 次期中期計画期間（2028－2033年度）において実施しようとする内容が明確か / Is there a clear plan for implementation during the next mid-term plan period (FY2028-2033)?
- ▶ Written evaluation by the reviewers. / 担当者による講評

Procedure of the Classification (1/3)

- ▶ Step1 : A proposal with significantly low feasibility, or with insufficient science study and/or implementation framework study
実現可能性が著しく低いもの、あるいは科学検討や実施体制の検討が著しく不十分な提案
- ▶ Step2 : A proposal deemed unsuitable for implementation as an NAOJ project
「国立天文台のプロジェクト」として実施するのが最適ではないと考えられる提案
- ▶ Step3 : A proposal deemed insufficient from the perspective of “(2) NAOJ necessity”
「(2) 国立天文台で実施する必然性があるか/施設を活かしているか」の観点で十分でない提案

Above proposals are categorized as (Lv.3)

以上の提案については、(Lv.3)と分類する

Procedure of the Classification (2/3)

- ▶ Step4 : Review of proposals not categorized as lv.3 in Steps 1-3.
前項で選ばれなかった提案の精査
- ▶ Step 4-1 : Identifying those highly evaluated for “(3) International Competitiveness”
「(3) 国際的な競争力があるか」の評価の高いものの洗い出し
- ▶ Step 4-2 : Identifying those highly evaluated for “(4) Next Generation Development”
「(4) 次世代研究者の育成に資するか」の評価の高いものの洗い出し
- ▶ Step 4-3 : Identifying those with low evaluation for “(5) Technically Readiness” and “(6) Identifying Resource”
「(5) 技術的な準備ができているか」、「(6) 必要な予算・人材リソースが把握できているか」から計画性、実現可能性の評価が低いものの洗い出し
- ▶ Step 4-4 : Check other items “(1) Scientific Significance” and “(7) Implementation plan clearness”
それ以外の項目「(1) 科学意義が明確になっているか」、「(7) 次期中期計画期間（2028－2033年度）において実施しようとする内容が明確か」の評価の確認

Procedure of the Classification (3/3)

- ▶ Step 5 : Decide the Classification / SRM掲載の分類を決定
 - ▶ Based on the items checked in Step 4, check and decide the priority through SRM committee members
Step 4で確認した項目をベースに、SRM委員の議論で優先度を確認・決定する
 - ▶ Proposals with high scores in Step 4 are classified with higher level.
基本的にはStep 4.で議論した点数ベースの順位で上位のものを高い優先度とする
 - ▶ There are some cases that classifications are changed through the discussion within SRM committee.
ただし、SRM委員の議論で優先度を付け替えることも行う
- ▶ At the moment, the committee hasn't reached the final consensus.
現時点で最終的な結論は出ていない。
- ▶ Current tentative classification is shown in the following slides. Please be aware that **this is not the final proposal**, and subject to further discussion at SRM committee.
現在の暫定的な三段階の分類を次ページ以降に示す。最終案ではないことに注意していただきたい。
- ▶ Note that these slides are only shown in this symposium, and will not be made public on the web.
なお、この暫定分類は本シンポジウムのみで開示され、ウェブでの公開は行わない。

Requests to Management Expenses Grants

- ▶ (Currently available) Management Expenses Grants per year : 2B JPY (20億円)
 - ▶ This includes budgets for centers and other activities such as NAOJ fellow, Research Coordination Committee and others
この金額には各センター、NAOJフェロー、研究交流委員会予算なども含まれていることに注意
- ▶ Total amount of requests to Management Expenses Grants by the all proposals : 1.82B JPY
 - ▶ Frontier Project and Related Proposals : 800M JPY
 - ▶ Management Expenses Grants Proposals : 1.74B JPY

Other Discussions in the SRM committee

- ▶ There is a discussion to recommend a merge of multiple proposals.
 - ▶ Three GW projects (#2 Advanced R&D hub for future GW detectors with TAMA300, #5 Promoting Gravitational Wave Astronomy with the Gravitational Wave Telescope, KAGRA, and #6 Third Generation Gravitational Wave Telescopes (3G)) have large overlaps in science, technology and human resources and should be merged.
 - ▶ Proposals related to Subaru (#14 Exploring the Chemodynamical Evolution of the Milky Way and the Local Group through Wide and Deep Stellar Surveys and #43 Subaru HSC-MB+PFS Survey: Exploring Large Scale Structure at high-redshift) seem to be a part of Subaru Proposal (#22 Stable Operation and Upgrade of the Subaru Telescope: From Subaru-2 to Subaru-3)
- ▶ There is a discussion to recommend several (three or four) “science fields” that should be promoted at NAOJ.

Future Schedule

- ▶ After the symposium :
The committee gathers feedbacks regarding the decision process of SRM through public comments
将来シンポジウムを受けたSRM策定手続きに対するフィードバックをパブリックコメントなどで収集
- ▶ Early February (TBD) :
Release of the final draft SRM report
SRM報告書最終案の提示
- ▶ February (TBD) :
The committee gathers opinions through town meetings and public comments
タウンミーティングを実施するとともに、ウェブフォーム、電子メール等で意見収集
- ▶ End of March 2026 :
Release of the final SRM report
SRM報告書最終版の発表

Send your comments and opinions to NAOJ SRM committee
意見送付先：国立天文台SRM策定委員会
srm-committee@ml.nao.ac.jp

SRM策定タイムライン

Timeline of NAOJ SRM Development

We are here

Proposing Group 提案グループ	LOI Deadline LOI提出 (10/18)	Proposal Writing 提案書作成	Proposal Deadline 提案書提出 (1/31)	Symposium to discuss SRM draft 将来シンポ (SRM案議論)	Symposium to discuss Implementation Plan 将来シンポ (実施計画案議論)	Symposium to discuss TBD 将来シンポ (議論未定)	
Future Planning Symposium 将来シンポジウム		This Symposium 将来シンポ (中間報告) (12/3-6)					
SRM Committee SRM委員会		Hearing ヒアリング	Develop draft SRM SRM案作成	Collect public comments 意見募集	Formulate SRM SRM制定	Formulate	
NAOJ 国立天文台		Discuss procedure to develop the Impl. plan 実施計画策定手続き議論	Inputs from proposers 提案者イン プット	Drafting Impl. Plan 実施計画 案作成	Collect public comments 意見募集	Impl plan 実施計画 制定	Drafting 5th mid-term plan 第5期中期 計画作成
	FY2024		FY2025		FY2026		FY2027
							FY2028

4th mid-term plan period / 第4期中期計画

5th / 第5期中期計画