

# M8/F3/mini-F Call: Science

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# Phase 1 Proposals Science Review



- A **Science Assessment Panel (SAP)** will be established based on the number and scope of the proposals received
- The SAP only consider the science case presented in the proposal
  - Technical feasibility is confirmed through the SCI-F review
  - All proposals are reviewed using the same criteria (see next chart)
- The SAP does not rank the proposals, but only considers if the science case is compelling
- A review report on the science case is written for each proposal
  - This report will be made available to the proposing team
- Proposals which are scientifically compelling, and technically/programmatically feasible will be invited to submit a Phase 2 proposal

# Criteria and questions - Phase 1



## Requirements:

### 1. Completeness of the proposal

[Is the information of sufficient quality to allow an informed opinion]

### 2. Mission scientific value

[Is the mission of the right scientific calibre to be considered in the frame of the present call?]

## Criteria:

### 1. Science value

How valuable (and why) is the science return from the proposed mission?

### 2. Scientific feasibility

- Can the proposed science be achieved with the proposed mission?
- Are there any issues not mentioned in the proposal that could hamper the proposed scientific return?

### 3. Timeliness of mission - Is the F3/M8 time frame appropriate for this mission? Why?

### 4. Competitiveness and complementarity with other projects

- Are there other space- or ground-based facilities addressing similar science goals?
  - If so, how does the proposed mission compare with them or complement them?
- Is the science output of the mission self-contained or does it require complementary data from other missions or from ground-based observations?
- What is the expected impact of the proposed mission in the relevant scientific field(s)?

### 5. Is the proposed scientific collaboration scheme likely to produce the promised results? Why?

### 6. Overall assessment of the proposal

# Phase 2 Proposals: Science Review



- Phase 2 proposals undergo a 2-phase Science review:
  - **Science assessment by the Science Assessment Review Panel (SARP)**
    - As with the Phase 1 review, the SARP does not rank the proposals, but only reviews the science objectives against the same criteria as before
    - The SARP comprises non-conflicted members of the Science Working Groups (AWG/SSEWG/PSWG) and/or other non-conflicted experts
  - **Senior Science Committee (SSC)**
    - The SSC takes the input from both the technical/programmatic review and the SARP, ranked of the proposals, and **makes a recommendation** to the Director of Science
    - The SSC comprises non-conflicted members of the Space Science Advisory Committee (SSAC) and/or other non-conflicted experts
- During the SARP review, the lead proposers will be invited to present their mission to the SARP and SSC, and to answer any open questions from the review panels
- The final reports from the SARP and SSC will be made available to the proposing team