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DOCUMENT

Solar Orbiter Announcement of Opportunity for Members of the SPICE Science Steering Committee

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APPROVAL

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CHANGE LOG

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1 INTRODUCTION

This Announcement of Opportunity (AO) solicits proposals for members of the Solar Orbiter SPICE Science Steering Committee.

The SPICE Science Steering Committee, under the chairmanship of the Solar Orbiter Project Scientist (or his delegated representative), will have an advisory role concerning the scientific aspects of the SPICE facility instrument onboard the Solar Orbiter mission. Membership of the Committee will comprise one representative each of the nationally-funded groups participating in the SPICE consortium, together with a number (maximum 4) of external scientists appointed through this AO. The Committee will appoint one of its members (for a fixed term of 2 years, in rotation) to act as the formal representative on the Solar Orbiter Science Working Team, report on instrument development and take a full and active part in the SWT work. The SPICE Science Steering Committee will have the following specific responsibilities:

- Monitor the compliance of the instrument design to the scientific requirements outlined in the Science Requirements Document.
- Monitor calibration of all parts of the instrument on the ground.
- Participate in the definition of the science operations and data handling, and support the Science Operation Centre up to and including in-orbit commissioning.
- Define a mechanism for the provision of scientific data (raw data, calibrated data, and higher level data), including relevant calibration software and/or products, to the Solar Orbiter archive for dissemination to the general science community.

Activities performed by the SPICE Science Steering Committee must comply with requirements indicated in the Solar Orbiter Science Management Plan.

The committee is foreseen to convene initially two to three times a year.

The selection of the SPICE Science Steering Committee members will be based on scientific excellence, experience with solar UV spectrometers in general and the tasks listed above in particular.

2 PROPOSAL CONTENT

Proposals responding to this AO must include the following parts, in a single pdf document:

- Cover letter
- Proposal
Within a 10-page limit, the Proposal shall describe the applicant's scientific background, motivation for applying to this duty and expected contribution with respect to the responsibilities mentioned in Section 1.
- Curriculum Vitae



A detailed CV shall be provided, including a publication list (key publications to be highlighted).

- Letter of support (if applicable)
Letter from Institution supporting the costs associated to the activity

3 PROPOSAL SUBMISSION

The proposals, in pdf format, shall be submitted to the e-mail address spicessc@rssd.esa.int and must be received no later than **15 September 2012 at 12:00 CEST**.

4 SCOPE

This AO is open to scientist both in the ESA Member States and outside.

ESA will reimburse travel costs incurred in relation to the activities of the SPICE Science Steering Committee to selected scientists from the ESA Member States. For scientists from non-ESA member States, proposals must demonstrate the availability of an adequate budget to attend the committee meetings and perform any activity associated to the role.

The members of the Solar Orbiter SPICE Science Steering Committee selected through this AO will be appointed for a first period of three (3) years, renewable but not exceeding the duration of the mission.

5 EVALUATION PROCESS AND CRITERIA

Proposals will be evaluated according to the following criteria:

- Scientific merit of the proposal
In particular, the relevance of the proposal content with respect to the scientific goals of the SPICE experiment and more in general with respect to the Solar Orbiter mission science objectives will be evaluated
- Relevance of the applicants' experience

Prospective members will be notified of the outcome of the selection procedure by D/SRE. Selected members should forward their proposals, together with the Review Board report, to their national or other funding agencies.

6 REFERENCES

Solar Orbiter Science Requirements Document [ESA-Solar Orbiter-1858]



Solar Orbiter Definition Study Report (Red Book) - Section 4.2.3 in particular for SPICE
<http://sci.esa.int/science-e/www/object/index.cfm?fobjectid=48985>

Solar Orbiter Science Management Plan [ESA/SPC(2012)2, rev.1]