

Notice of Intent for submissions for input to the Astro2020 Decadal Survey

To aid in survey preparation and to ensure that the Astro2020 decadal survey committee and panels have the necessary expertise, the decadal survey is requesting short notices of future intent (NOIs) to submit white papers on projects, activities, or state of the profession considerations, referred to as APC white papers. We request that you submit a very short NOI **no later than March 20, 2019**, if you plan to submit a white paper on an activity, project, or state of the profession consideration. Note that the APC white papers are distinct from the science-focused white papers that are due March 11, 2019. An NOI is not required for future APC white paper submission, but it is strongly encouraged to help facilitate decadal planning. We request that only one NOI be submitted per APC team.

Timeline for Calls for Input:

- March 11 – Science white papers due
- March 20 – Notice of Intent (NOI) for submitting activity, project, or state of the profession consideration (APC) white papers due
- July 1 (tentative) – APC white papers due

What types of ideas can be submitted?

- Ideas from the community that can be submitted include (but are not limited to) all scales of space- and ground-based science projects, activities such as infrastructure and technological advancements, and issues of consideration for the state of the profession.

What is the purpose of this NOI?

- This Notice of Intent is to inform the Astro2020 decadal survey committee of ideas that the community plans to submit for the prioritization process. This is to aid the survey committee in constituting its panels with the necessary expertise.

What is required for the NOI?

- This NOI requires indicating the category of the submission, a brief (750 word maximum) description including the nature of the idea and its goals, and information about participating individuals.

Should probe mission concepts each submit an NOI and subsequent APC white paper?

- Yes, they should, regardless of whether they have been sponsored by a NASA study or not.

Should the large NASA mission concepts (HabEx, LUVOIR, Lynx, Origins) each submit an NOI and subsequent APC white paper?

- Yes. These white papers in general are intended as synopses of projects and activities that are at a sufficient level that the committee and panels can understand a) the scope of the project, b) the level of existing information, and c) what additional inputs will be required to fully evaluate the project or activity. For these larger projects of course a 10-page white paper will be

insufficient to gain the requisite insight into the complexity and finer details of the missions, but we still believe these white papers will serve as useful guides for organizing requests for further information, and for defining inputs needed for the Technical Risk and Cost Evaluation (TRACE) process, and so we ask that the mission concept teams submit that information.

Should WFIRST, Athena, and LISA submit NOIs and APC white papers?

- No. We recognize that all three of these projects were recommended by New Worlds New Horizons (NWNH), and that they have undergone significant development activities since that time. These are clearly at a very different level of maturity than the new mission concepts that are likely to be considered. Therefore, we do not expect an NOI or project white papers, and none of these three missions will go through a full TRACE process.

Should current projects that are already part of the program of record submit NOIs and APC white papers?

- No. The NOIs and APC white papers are only for future projects that are not part of the program of record.