Starshade Exoplanet Data Challenge Request for Proposal
September 17, 2020

Dear Colleague,

You are invited to participate in the Starshade Exoplanet Data Challenge, as part of the Starshade Science and Industry Partnership (SIP) activities. The objective of the data challenge is to develop image-processing algorithms to detect planets and extract their spectra from synthetic images, to validate the flow down of requirements from science to key instrument performance parameters, and to quantify the required accuracy of noisy background calibration.

The Jet Propulsion Laboratory has issued Request for Proposals (RFP) to support participation in the data challenge. Further information on the RFP can be found in the following page: https://acquisition.jpl.nasa.gov/opportunities/rfp/mj-2692-1044666/

Questions regarding technical aspects of the RFP should be addressed to Dr. Renyu Hu (renyu.hu@jpl.nasa.gov), and questions regarding other aspects should be addressed to Maria Jaquez (maria.a.jaquez@jpl.nasa.gov). The proposal is due on **October 16, 2020**.

Q&A session:
Prospective proposers are encouraged to participate in a Q&A session on
September 24, 10 am PT = 1 pm ET, as part of the SIP Telecon #9:
JoinWebex
Meeting ID: 199 590 2752
Password: sip
Audio: 844-575-9329

The Exoplanet Exploration Program of the NASA Astrophysics Division charters the Starshade Science and Industry Partnership (SIP). The purpose of the Starshade SIP is to maximize the technology readiness level of starshades to enable potential future exoplanet science missions.

Best regards,

Renyu

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Renyu Hu, PhD
Starshade Scientist, NASA Exoplanet Exploration Program