



July 2016

Job Posting

Scientific Program Manager for the Event Horizon Telescope

The Event Horizon Telescope (EHT) is a Global Very Long Baseline Interferometric (VLBI) array that links radio dishes around the world to create an Earth-sized virtual telescope. Operating at mm and sub-mm wavelengths, the EHT achieves the unprecedented angular resolution and sensitivity required to map and time-resolve emission at the event horizon of nearby supermassive black holes. The Smithsonian Astrophysical Observatory (SAO) is a primary collaborator in the EHT and is involved in all aspects of its science output, operations and management. Specifically, SAO administers a Mid-Scale Innovation Program (MSIP) award from the National Science Foundation that funds multiple groups in the United States participating in the EHT project.

SAO is seeking an experienced Program Manager (PM), based in Cambridge, MA, to lead coordination of the EHT. This will include development and deployment of novel high-bandwidth data capture systems at radio telescopes around the Globe, construction of data analysis algorithms and pipelines, and facilitating transformative science applications at the black hole boundary. Playing a key role in an international team, the PM will establish and manage project plans and schedules, create and monitor budgets and subcontracts, identify new opportunities, and work to resolve risks and challenges.

The PM will have a strong skill set in project management and the proven ability to lead teams in a highly technical and scientifically oriented environment. Experience or background in astronomy or the physical sciences is desired but not required. The position is indefinite in duration, and salary will be in the range \$109,245 - \$160,300 depending on experience.

Part of the Smithsonian Institution, SAO is widely recognized as the largest and most diverse astrophysical institution in the world, with a staff that carries out a broad program of research in astronomy, astrophysics, and planetary, earth, and space sciences. While the primary responsibility of the PM is the EHT, there will be opportunities to become involved in other projects at the Observatory.

Questions can be directed to Dr. Sheperd Doeleman at sdoeleman@cfa.harvard.edu.

We will only accept applications on line for this position. Applications must be submitted by August 31, 2016. To view the complete vacancy posting, requirements, and the procedures to apply, please visit USAJOBS:

<https://www.usajobs.gov/GetJob/ViewDetails/442002100/>