Jonathan Arenberg
Candidate for Nominating Committee

Affiliation: Northrop Grumman

Position/Title: Chief Mission Architect, Science and Robotic Exploration

PhD institution: University of California, Los Angeles, 1987

Areas of scientific interest:

Development of missions, systems and technologies for astronomy from space.

AAS and/or Division leadership positions and dates:

- n/a

Other relevant positions, experience, and dates:

- Co-editor, Special Issue for SALTUS Probe, *Journal of Astronomical Telescopes, Instruments, and Systems* (JATIS), 2025
- AXIS Phase A, 2024 – 2025
- Astrophysics Probe Mission Proposals (AXIS, HEX-P, Saltus and Arcus), 2023
- Habitable Worlds technology development, 2018 – present
- Member, Starshade Technology and Scientific Team, 2018 – 2021
- Co-editor, Special Issue on Starshades, *Journal of Astronomical Telescopes, Instruments, and Systems* (JATIS), 2021
- Decadal Mission Studies (Lynx, Origins, LUVOIR and HabEx (Starshade), 2017 – 2019
- Member, Starshade TRL-6 Committee
- Integrated Design Lead, Systems Engineering Manager and Chief Engineer for Technology Development, JWST, 2005 – 2016
- Starshade Technology Development, 2004 – present
- Civil Space Business Development, studies for Con-X, TPF-C and LISA missions, 1999 - 2005
- Advanced X-ray Astrophysics Facility (now Chandra X-ray Observatory), 1989 – 1997

Statement:

To advance our mutually shared goals as described in the Society's Vision Statement, there is a strategic plan and a slate of officers and leaders to implement it. The nominating committee serves as a scouting group to find good candidates for officers and leaders. I am very honored

to be able to be considered as a candidate for this scouting assignment by serving on the nominating committee.

As the reader will clearly note, my role in the astronomical enterprise is related to technology, hardware and missions, namely, I am an engineer. In fact, the vast majority of my professional life as an engineer as been involved with the development and implementation of missions such as Chandra and Webb and new ideas such as the starshade. My background is clearly non-traditional. I view this difference as a strength. I have a perspective that is different from my colleagues which will aid in identifying and recruiting candidates for society elections with diverse skills and experience. Our leaders will need a wide variety of experience and insight to be able to negotiate the current highly dynamic scientific and political environment that is 2026. I firmly believe diversity of thought is important in identifying candidate leaders for this very complex time. I hope you agree with me.

Thank you for your time and consideration.