

# Society of Amateur Radio Astronomers

## Presidents' Page 2022

### Welcome to SARA!

We are a society geared toward assisting amateur radio astronomers to learn their hobby.

By joining SARA, you are immediately notified about publications, videos, tutorials, and zoom conferences.

### Resources:

**Radio Astronomy Journal:** Journal describing how to assemble and observe with various radio telescopes. A new journal is published every 2 months to current members.

**Radio Telescope Operational Party:** (1<sup>st</sup> Sunday of Month 2pm Eastern) Zoom conference discussing how to operate and observe astronomical objects with various radio telescopes.

**Drake's Lounge:** (3<sup>rd</sup> Sunday of Month 2pm Eastern) Zoom conference on everything technical about radio astronomy.

**SARA List:** 24 hr google groups forum where you can ask any technical question and get responses from many of the SARA members. Excellent resource to assist in building and operating your radio telescope.

**SARA YouTube Channel:** ( <https://www.youtube.com/channel/UC-SzptAQZ-20c9CkRb9ZPpw/videos> )

This channel contains presentations from members on how they built their radio telescopes.

Recommend subscribing and hitting notification bell to get alerted to new videos.

**SARA Store:** The SARA store has your classic merchandise of shirts, stickers, etc. However, it also contains starter radio telescopes and publications:

**SuperSIDS:** An excellent radio telescope that allows the operator to detect solar flares.

**Radio Jove:** A kit that allows you to detect the radio signal from Jupiter

**Scope in a Box:** A kit which provides the capability to detect neutral Hydrogen from the Milky Way. This starter kit can be modified with larger antennas.

**Journal and Proceedings Archives:** A significant knowledge base years in the making.

### Conferences:

SARA holds two conferences per year.

**Spring/Western Conference:** is held in March. The plan is to have the 2023 conference at the Jansky Very Large Array in Socorro, NM.

**Eastern Conference:** is held in August. The plan is to have the 2023 conference at the Green Bank Observatory at Green Bank West Virginia.

**Sections:**

We have an active set of sections that look at different radio astronomy objects such as masers, and pulsars. Contact the section leader to get involved.

**Again, welcome to SARA!**

Rich

Dr. Richard Russel

President SARA