

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: (1st Sunday of Month 2pm Eastern) Zoom conference discussing how to operate and observe astronomical objects with various radio telescopes.

Drake's Lounge: (3rd 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