



radiojove.gsfc.nasa.gov

Radio JOVE

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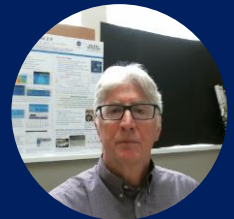
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Citizen Science using radio telescopes to observe Solar, Jupiter, Galactic, and Earth-based radio emissions.

Radio JOVE Participants
Public, Radio Enthusiasts, Clubs
High Schools, Colleges, and
Universities

Goals

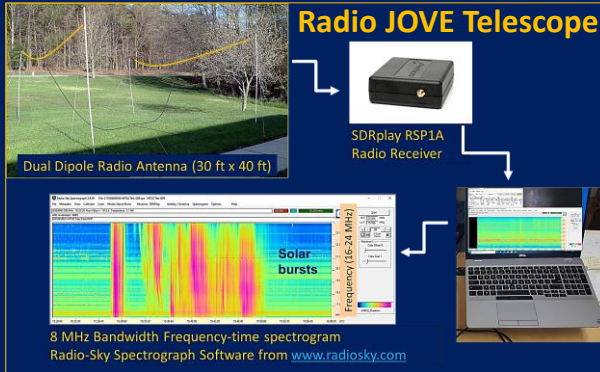
- Solar and planetary radio emissions
- Inspire amateurs to become citizen scientists
- Educate and provide a hands-on experience in radio astronomy
- Enable access to scientists, participants, observatories, and data



This is a brief introduction to The Radio JOVE Project. We are a NASA-Partner citizen science project to enable participants to do solar, Jupiter, and Earth radio science using radio telescopes. Many of our project leaders are listed here, and our participants include the general public, radio enthusiasts, high schools, colleges, and universities. Our goals include the study of solar and planetary radio emissions, to inspire amateurs to become citizen scientists, to educate and provide a hands-on radio astronomy experience, and enable access to scientists, and provide a way to share questions and data.

Radio JOVE Citizen Science

Website: radiojove.gsfc.nasa.gov/
Email Listserv: groups.io/g/radio-jove
Contact Chuck Higgins chiggins@mtsu.edu



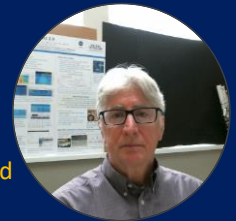
Radio JOVE Kit Costs \$220.00 + shipping + Computer
+ Antenna support materials (~ \$150.00)

Solar Eclipse Observer's Map



Partners

- NASA Heliophysics Education
- SunRISE Mission
- Heliophysics Big Year
- Society of Amateur Radio Astronomers (SARA)
- NASA ROSES Citizen Science Seed Funding Program (CSSFP)



The Radio JOVE telescope shown here consists of wire dipoles and coaxial cables, a commercial wideband radio, and Windows software that runs on a computer that you provide. The costs for the equipment is \$220 plus costs for the antenna support structure. Our website, radiojove.gsfc.nasa.gov/, has all the required information, and we have an active email group on [groups.io](https://groups.io/g/radio-jove). You are welcome to email me with questions. A current citizen science project shown on the right is focused on the 2023 and 2024 solar eclipses over the Americas. We have a network of observers to gather data during the eclipses to help understand radio propagation through Earth's ionosphere. I acknowledge our partners and our source of funding. You can be a radio astronomer! We are here to help you, and we hope you join us. Thank you.