

Open Source and Linux in Amateur Radio

- **Speaker:** Steve Stroh
- **Room:** CC 235
- **Time:** Sun 11:20 am – 11:50 am
- **Format:** Lecture (30 Min + Q&A)
- **Difficulty:** Introductory
- **Track:** Education
- **Presenter Location:** In-person
- **Experience:** umpteenth time speaking

Description:

In many ways, Amateur Radio was the original open-source community. Long before “open source” had a name, radio amateurs freely shared schematics, designs, and techniques. That ethos continues today — and has only grown stronger with the rise of **Software Defined Radio (SDR)** and powerful open-source tools like **GNU Radio**.

This talk explores how Linux and open-source software are transforming modern Amateur Radio. Steve highlights the most impactful current project: the **Linux Handheld Transceiver (LinHT)** — a portable radio that runs Linux and GNU Radio, allowing operators to literally shell into their handheld device.

Attendees will learn how open-source development is reshaping experimentation, accessibility, and innovation across the amateur radio world.

Target Audience:

- Techies curious about radio technology
- Anyone interested in going beyond unlicensed spectrum

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