Contribution ID: **27**   Type: **Talk**
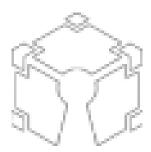
Open-Source Software-Defined Radios for CubeSat Operations

Monday, 14 October 2019 10:30 (20 minutes)

Software-defined radios (SDR) have become an integral part of many CubeSat missions. The availability of low cost, high-performance SDR hardware enables cost-effective solutions to complex telecommunication tasks, including unattended, interactive, and remote operations.

In this presentation, we take a look at recent developments in open-source SDR applications and demonstrate how they can be efficiently used for CubeSat communications.

Primary author: CSETE, Alexandru (AC Satcom)

Presenter: CSETE, Alexandru (AC Satcom)

Session Classification: Talks

Track Classification: Software