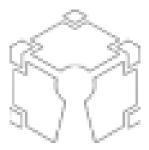
## **Open Source CubeSat Workshop 2018**



Contribution ID: 24

Type: Talk

## **Open Source DVB-S2 and DVB-S2X for GNU Radio**

Tuesday, 25 September 2018 10:40 (20 minutes)

Phase 4 Ground is a project devoted to bringing an open source implementation of DVB-S2 and DVB-S2X to amateur radio terrestrial and space deployments. Any payload that complies with the air interface of 4-ary MSK FDMA up and DVB-S2/X+GSE TDM down will be able to take full advantage of a modern efficient open-source communications system. Phase 4 Ground is under active development and welcomes participation. Phase 4 Ground complies with ITAR 120.11 and publishes all work as open source.

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Track Classification: Ground Networks, Launchers, and Operations