

Session Program

21-25 Sept 2026



Raleigh, North Carolina

GNU Radio Conference 2026

Workshop

Talley Student Union
2610 Cates Ave Raleigh, NC 27607

Monday 21 September

09:00

Workshop: Workshop Room 1 (3222)

Session | **Location:** Talley Student Union, 3222

09:00-12:00 **Intro to GNU Radio Workshop**

Speaker

Derek Kozel

13:00-17:00 **Quick Start on Control Loops with Python**

Speaker

Dan Boschen

17:00

09:00

Workshop: Workshop Room 2 (3285)

Session | **Location:** Talley Student Union, 3285

09:00-12:00 **AI-RAN with OCUDU and GNU Radio**

Speaker

Raj Bhattacharjea

14:00-15:00 **GNU Radio 4 Workshop (User Focused)**

Speaker

Josh Morman

15:30-17:00 **GNU Radio 4 Workshop - Advanced/Developer focused**

Speaker

Josh Morman

17:00

Tuesday 22 September

11:00

Workshop: Workshop Room 1 (3222)

Session | **Location:** Talley Student Union, 3222

11:00-12:00 **TorchSig: v2.x, Models, Geolocation, GUI**

Speaker

Erebus Oh

13:00-15:00

Walk-Through of AI-Assisted Development of GNU Radio-Based SDR Applications

Speaker

Carl Dietrich

15:30-17:30 **Beyond the Antenna: Non-SDR Applications of GNURadio**

Speaker

Neil Rogers

17:30

11:00

Workshop: Workshop Room 2 (3285)

Session | **Location:** Talley Student Union, 3285

13:00-15:00 **FPGA Processing on USRP Radios Using the RFNoC Framework**

Speakers

Mr Neel Pandeya, Jonathon Pendlum

17:00

Wednesday 23 September

11:00

Workshop: Workshop Room 1 (3222)

Session | **Location:** Talley Student Union, 3222

13:00-15:00

Implementation and Testing of Multi-Antenna Techniques using GNU Radio and Low-Cost SDR Hardware

Speaker

Carl Dietrich

17:00

11:00

Workshop: Workshop Room 2 (3285)

Session | **Location:** Talley Student Union, 3285

13:00-16:00

You can do everything with MultiUSRP, and for everything else there is RFNoC

Speakers

Marian Koop, Mr Neel Pandeya

17:00

Thursday 24 September

11:00

Workshop: Workshop Room 1 (3222)

Session | **Location:** Talley Student Union, 3222

12:45-15:45

Hands-on Tutorial for Programming the SDRs and UAVs at NSF AERPAW Platform

Speakers

Christopher Roberts, Ozgur Ozdemir

17:00