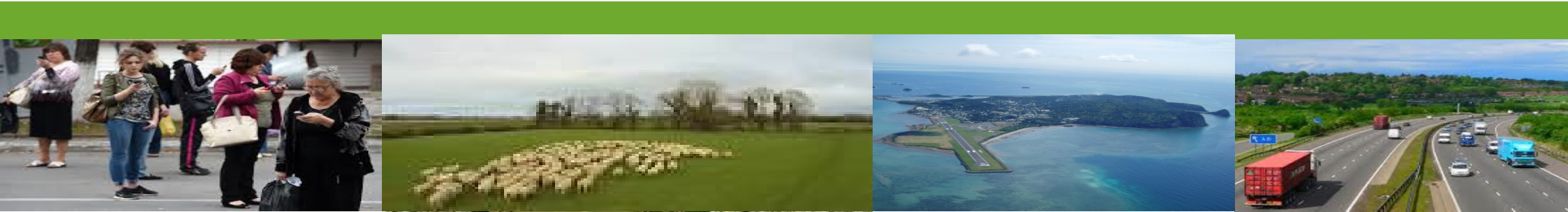




Introduction to LimeSDR workshop

Danny Webster



Today

- **Today is all about enabling you to understand and use the LimeSDR well.**
 - Talks
 - Hands On Sessions
 - Advance Demonstrations
- **With an emphasis on the “hands on sessions”.**
- **Most people here will have a wide range of backgrounds and will have different expectations about what they want to get out of today.**
- **So, hopefully something for everyone.**
 - For inexperienced visitors we have some tutorial material to help bring you up to speed.
 - Hold on to the key words and ideas if you struggle.
 - Experienced visitors, please feel free to grab a coffee if I am talking about something you know about already.

Today - Time Table

- **9:00 Intro**
- **9:05-9:25 Talk 1**
 - What is Digital Radio
- **9:25-10:30 Talk 2**
 - What is LimeSDR
- **10:30-10:50 Break**
 - Demos & Questions
- **10:50-11:25 Talk 3**
 - The Real Radio Link
- **11:25-12:00 Talk 4**
 - Advance Digital Radio
- **12:00-13:00 Lunch**
 - Demos & Questions
- **13:00-13:30 Hands On 1**
 - Using LimeSuite and LimeSDR
- **13:30-15:30 Hands On 2**
 - Using Octave and LimeSDR
- **15:30-16:00 Break**
 - Demos & Questions
- **16:00-17:00 Hands On 3**
 - Using Pothos and LimeSDR
- **17:00 Finish**



Today – practical sessions

- **Lime Suite**
 - Setting up the radio and seeing its performance.
- **Octave “Numpty” Radio**
 - Simple modem examples that can be easily extended or modified.
- **Pothos**
 - Real Time Modem Example.
- **Advanced Demos (Break time)**
 - 4G Base Station
 - Octave OFDM example.
 - Octave 3G modulation example.
 - Octave 4G modulation example.
 - Pothos Laura example
- **Plan is to make Octave and Pothos examples available on the App store shortly.**

