

## IRTS AGM 2018

# WORKSHOP TALKS

We hope that one of the reasons you are going to Galway is to attend one or all of our workshops. The workshop talks will take place on Saturday the 14th April 2018 starting at 2pm at the Galway Bay Hotel, Salthill. Admissions to all talks is free.

### *“DMR” from Steve Wright EI5DD and John Ronan EI7IG*



The lecture will cover DMR radio from the basics, the advantages, and basic programming of the DMR radio. This lecture is geared toward dispelling the myth that this mode of communication is complex and difficult to set up.

John was first licensed in 1992, and after some time learning the ropes and under the (very) patient tutelage of Mick McLoughlin, passed the Morse Code exam in December 1994, and has been licensed as EI7IG since January 1995. John was active in packet radio and digital HF modes during the late 90's and early 2000's. This led to an interest in AREN which continues to be a major interest. After being introduced to DMR in early 2017 by John, EI8JA, and Neil, EI3JE, he has been on a steep learning curve and is excited at how the protocol is developing in our hobby.



### *“The 7Q7EI Dxpediton” from Pat O’Connor EI9HX and Enda Broderick EI2II*



Pat EI9HX and Enda EI2II will have just returned from the EIDX Group DXpedition to Malawi. The EIDX Group was formed in early 2016 with the aim of forming an all-EI DXpedition team and to promote DX activity in EI, and has over 30 members consisting of Ireland’s most prominent DXers and contesters. Pat EI9HX was first licensed in 1984 and one of his major interests is contesting, being currently the holder of the CQWW SSB all-time world record on 80m. Pat was co-leader of both the 7N7EI and the 7Q7EI DXpeditions. Enda EI2II has been licensed since 1995. An experienced contesteer and IOTA operator who spends time on the HF bands using SSB & digimodes, Enda also works in the telecommunications industry, dealing with microwave networks and fibre technology. 7Q7EI will be Enda’s second DXpedition as he was also a team member of 9N7EI. A Galway native & supporter (of the stick game). Enda runs a modest station outside Loughrea.



### *“Having FUN in Space” from Graham Shirville G3VSV*



Graham has been interested in “radio” since a very young age. Having taken the RAE on his 14th birthday he obtained a 70cm-only licence G6AEV/T. The intervening years have mainly taken him into VHF and ATV and into space with the developments of CubeSats such as the FUNcube programme for AMSAT-UK. These two areas of special interest happily joined together with the development of the DATV system on the International Space Station.

“Having FUN in Space” will discuss the recent massive growth in the number of amateur radio transponders in space which has largely been brought about by the CubeSat revolution. Additionally, the opportunity for using amateur radio for educational outreach has greatly increased. Graham will also touch on the many upcoming launches and developments including the Es’hail-2 Geostationary spacecraft.

### *“FT8 - The weak signal mode” from Keith Wallace EI5KO*



Keith was first licensed in June 2016 –and got his Class 1 in March 2017. He is a member of IRTS and South Dublin Radio Club. His professional background is in electrical instrumentation and automation. Keith can be found most days on the bands operating digital modes, especially FT8.

ARRL describes FT8 is the latest bright shiny object in the amateur radio digital world. It is an excellent mode for HF DXing and for situations like multi-hop Es on 6m, where deep QSB may make fast and reliable completion of QSOs desirable, according to Nobel prizewinner Joe Taylor’s release notes.

Keith’s presentation is an overview of how to setup and get going, and will cover equipment, software, general operating and DXing.