RSGB 2025 Convention
Lecture summaries and presenter biographies
Saturday

Lecture Room 1 – Discover

Keynote speaker - Professor Lucie Green
Seeing total solar eclipses from space

Seeing a total solar eclipse is an experience that you never forget. For a brief moment in time, the extended atmosphere of the Sun becomes visible as the bright disk of the Sun is entirely covered by the Moon. Day becomes night, the stars come out and you are able to view the Sun directly and safely. Total eclipses are also of huge scientific value and astronomers will take their telescopes to far-flung places to catch a glimpse of the Sun during these times. Now, a new mission has been proposed that will fly a spacecraft into the shadow of the Moon in order to create total solar eclipse conditions in space. And it will do this once per month. This talk will discuss why total eclipses are so important for scientists and why an international team has been put together to create a new generation of eclipse viewing.

Lucie is a Professor of Physics based at the Mullard Space Science Laboratory, UCL's Department of Space and Climate Physics. She studies activity in the atmosphere of our nearest star, the Sun, and in particular, looking at immense magnetic fields in the Sun's atmosphere which sporadically erupt into the Solar System. If these eruptions reach the Earth, they can drive major space weather events. She is interested in how the magnetic configuration of the eruptions can be used to understand the physical processes that underly each eruption and whether these eruptions can be forecast to help mitigate the risks of their arrival at Earth. Lucie is also President of the Society for Popular Astronomy and has received the Royal Society's Kohn award and the Institute of Physics' Lise Meitner Medal for her work in public engagement. She has presented many TV and radio programmes including The Sky at Night and Stargazing Live.

QO-100: have ground terminal - will travel
Paulo Jorge, F5VMJ/G0MUW

During this presentation Paulo will cover a number of topics relating to operating on QO-100. He'll look at options to become QRV on QO-100, as well as individual needs, choices and requirements. He'll also consider approachable architectures and configurations, and will provide a brief 'Ladybird Guide' to QO-100 narrow band transponder operation.
Paulo will also discuss his personal home station setup and comparison to his portable roving setup, as well as an introduction to the popular QO-100 satellite activities of DXing and grid hunting, which will include POTA and SOTA. Following this, he'll talk you through preparation and travelling with QO-100 equipment, both home and abroad.

Paulo was first licensed in the UK in 1985, with his full A-class licence soon after as G0MUW. He currently holds other callsigns including AA2PJ, XU7PJ and F5VMJ, which is most used. During his professional career he trained initially as a Merchant Navy Radio Officer at RMS Wray Castle in the Lake District. This followed on with work at the Sintra

Satellite Earth Station in Portugal. In 2006, he moved to Paris to work as a spacecraft controller for Eutelsat's fleet of geostationary satellites.

A holiday-style DXpedition to Lanzarote
Colin Redwood, G6MXL

Colin will describe his week-long holiday-style DXpedition to Lanzarote in September 2024. He'll show how with careful planning, research and equipment choice, including paying attention to its weight, it is possible to have a successful operation with everything transported in a single checked-in suitcase and a small cabin bag. He'll describe a number of problems he encountered and how he managed to successfully overcome most of them, obtaining DXCC for his efforts as well as a provisional 10th place for Africa in the year-long 2024 DX Marathon Contest. Perhaps this presentation will encourage you to try your own mini-DXpedition.

Colin has been licensed since 1982. He operated initially on 2m FM and SSB and subsequently on most bands from 6m to 3cm. Following the release of the HF bands to Class B licence holders and a house move, his attention switched to focussing on the HF bands using SSB, RTTY and PSK. These days he operates mainly from home using FT8/FT4 on the 30m to 6m bands with resonant wire dipole antennas. He's obtained WAS, DXCC on the 30m, 20m, 17m, 15m, 12m and 10m bands. He's also obtained VUCC on the 6m band.

The UK Meteor Radar System: studying meteors and the ionosphere
Brian Coleman, G4NNS

Brian will describe how the UK Meteor beacon GB3MBA, has, by the addition of a network of web receivers, become a radar system with which to study meteors and other radio reflecting events in the ionosphere. In addition to providing a basis for science, technology, engineering and mathematics (STEM) projects featuring radio and astronomy, the system is attracting interest for serious study of meteors and the ionosphere. Brian will show some of the extra ordinary echoes captured by the system and discuss potential for the development of automated systems to capture, classify and analyse events.

First licensed as G8AZU in 1967 Brian has always been interested in UHF and microwave activity and construction. In addition to terrestrial microwave operation mainly on 5.7, 10 and 24GHz he is also active on 3.4, 5.7, 10 and 24GHz EME using a 3.7m dish antenna which is also used for radio astronomy. During events he organised for British Science and Engineering week, Brian noted the interest audiences had shown in the echoes from meteors which, using the Graves radar, he displayed as part of these presentations. This prompted him to assemble a team to build the GB3MBA Meteor Beacon System to provide UK coverage for the study of meteor events over the UK. With the addition of up to six we-based receivers this has evolved into a radar system to study meteor and other reflecting events in the ionosphere.

Elmering in an online world
Kjetil Vinorum, LB4FH

Elmering has always been a core part of the amateur radio community, and as with the rest of the hobby it both has and will change in the future. In this talk, Kjetil will explore what elmering is and how it may evolve, as well as what it has to say for recruitment to the community. Modern elmering is much more than 'just' creating a YouTube video on a topic; it's about re-thinking how we welcome, inspire and support both 'traditional' amateurs and new generations. The ones who join us now will have grown up with 3D-printers, YouTube, AI-chatbots and worldwide communication at their fingertips. At the same time, there is still a need for hands-on help and social gatherings that will not be easily replaced online.

Kjetil, LB4FH, was licensed in 2016 at the age of 31 and currently serves as the country manager for both Parks on the Air (POTA) and Worldwide Bunkers on the Air (WWBOTA) in Norway. His journey into radio began through Scouts, where he was involved in Jamboree On The Air and Internet (JOTA-JOTI) since around 2000.

Online you'll find Kjetil both with his own YouTube channel focusing on portable operations in Norway, and as a host and founding member of The European Ham Radio Show. Professionally, Kjetil works as a senior IT consultant and security champion, where he focuses on mentoring and educating colleagues and customers.

Each one, teach one
Ana Cañizares, EI5IXB

Ana will provide an overview of the work being done in Ireland to encourage young people to get involved in amateur radio. From the challenges of starting with an almost non-existent YOTA team, to harnessing STEM and space topics, from teaching radio concepts to the successes of engaging students and Scouts through outreach programs and radio or space-related activities. This talk will highlight what's working, what's not and why. She will share practical tips, activities and ideas for radio amateurs who want to make a difference — because in radio, we all have a role to play in keeping our hobby alive… and young!

Ana Cañizares, EI5IXB, is the current Youth Coordinator for the Irish Radio Transmitters Society (IRTS) and an active member of both the IRTS and Radio Scouting Ireland committees. By day, she's a STEM Outreach Coordinator at Technological University Dublin, where she shares her passion for space, STEM, and amateur radio with students at both primary and secondary levels. Since getting licensed in 2020, Ana has led two successful ARISS school contacts, in 2023 and 2025. She is also a member of the IARU Region 1 Youth Working Group (C8) and is a hands-on educator who loves teaching, tinkering, and all things DIY.

What's so special about VHF/UHF?
Tim Kirby, GW4VXE

Tim will cover some of the aspects of VHF/UHF operating that he finds interesting in the hope that you'll find them interesting too. The emphasis will be on 'simple' with equipment you may already have or can acquire.

Tim Kirby, GW4VXE was first licensed in the early 1980s after being a shortwave listener. Although he has a wide interest in radio, he has always had a particular interest in the VHF/UHF bands and loves trying to get VHF signals to places that, by rights, they shouldn't! Tim is lucky enough to write for two of the amateur radio publications in the UK; Practical Wireless, and the RSGB's RadCom.

Lecture Room 2 – Learn

Lightweight DXpeditions to St Helena, Pitcairn and Mangareva Islands
Bill Rothwell, G0VDE

DXpeditions don't always need to involve masses of equipment and large teams of operators - one person can make a successful trip with only the luggage they can carry. This presentation will show that it can be relatively easy to travel halfway around the world with two complete radio stations and make many contacts. It is hoped this talk will encourage others to plan similar trips.

Bill was first licensed in 1993 and soon passed the then necessary Morse test to gain his callsign G0VDE. He was fortunate to live in rural Suffolk, with an 80ft tower and triband beam to work the exotic DXpeditions. In 2002 and 2003 he was the EU pilot for Willis Island and Mellish Reef DXpeditions. Moving to Cambridge in 2011, and to a small suburban garden, meant more limited antennas. At this point, he decided to become the DX, visiting St Helena on the first commercial flight to the new airfield there in 2017 and carrying out the more challenging trip to Pitcairn and Mangareva in 2024. He has worked and confirmed 342 current and deleted DXCC entities and only needs Navassa and South Sudan for them all.

The RSGB Legacy Fund: financial grants to develop and encourage amateur radio
Legacy Committee Chair, Richard Horton, G4AOJ

The Legacy Committee considers applications for funding from individuals and groups and advises the RSGB Board in reaching its decisions. During the talk the Legacy Committee Chair will provide an update on the Legacy Committee and the funds available for projects. Examples of projects that have recently been allocated funding will be given, as well as those that the Legacy Committee may not support. You'll also be given details of the application and approvals process.

Richard, G4AOJ obtained his amateur radio licence in 1971 and has been active since then, work and family commitments permitting. His present interests include DATV and microwaves. He served as the Honorary Treasurer of the RSGB for several years from 2011 and subsequently as a Director for a short period.

A discussion with the RSGB Board

This session will give you an opportunity to hear updates from the Board about the RSGB strategy and associated activities, and for you to ask questions.

The session will be hosted by VHF Contest Committee Chair, Andy Cook, G4PIQ.

A brief look at Number Stations: 1950 to the present
Paul Beaumont, G7VAK

Spy communications have long been a mystery. Those who use or listen to the shortwave, especially radio amateurs, will be aware of Number Stations. The presentation will examine this phenomenon with the how, why, and sometimes, the when. The talk will briefly look at some of the modes used, the different styles of sending, and offer a number of actual cases where Number Stations were used and stated in the prosecution of the recipients. It also offers an idea of modern 'spy communications'.

Paul, G7VAK spent his early years in Aden, now South Yemen and briefly in Sudan. His father was a consulting electrical engineer and piqued Paul's interest in all things electronic by building a television from a kit. In Aden, Paul encountered the Bush Imperial radio EBS44 and when not at school whiled his time away on the shortwaves. It was there Paul discovered the Clandestine transmissions. Upon returning to Britain Paul started building radios. Employed as a University Physics Teaching Technician, Paul successfully ran a series of radio based practical experiments as well as overseeing a Waves and Wave Propagation experiment using a novel approach.

Retiring in 2018 Paul continues to intercept, catalogue and study the Number Stations broadcast on the Short Waves, including when he travels. In 1990 he discovered he could still hear a variety of number stations in Guyana.

He has written articles for publications including "Eye Spy" magazine, Radio Monitoring Monthly and also pens a bi-monthly Newsletter for ENIGMA2000, a Number Station study group. He has also advised BBC1's One Show. Paul volunteers at the RSGB National Radio Centre

A big shed for some older men
Peter Ebsworth, G8CKB / LB0K

During this presentation, Peter will provide a brief overview of broadcasting in Bergen, Norway, including the three sites used to cover the city and environs. Following this, he will look at construction of both TXs and the building these are ensconced in, including when these were shut down and what happened thereafter. Following its closure, a museum was established, the "Bergen Kringkaster" (Broadcasters association), along with the Foreningen Bergen Kringkaster (FBK), which is the association that runs it. Peter will explain what and how the FBK operates and how it uses the building now, what TX gear they have and what plans they may have next.

Peter was licensed in the 1990s as LB0K. In 2012, he was invited to join the Bergen Kringkaster following several visits within the same week. As a committee member he helps with hospitality and grounds maintenance, showing people around, answering questions and sometimes dealing with publicity. Peter is an instructor on the yearly courses for the exam required to get a HAREC Certificate and transmitting licence. He used to enjoy FM and AM activity on 2m but it got put aside when he started working abroad. Nowadays, he'd like to get on the air more and operate on 2m, 70cm or 4m and above.

The countdown to WRTC UK 2026!
Mark Haynes, M0DXR

The World Radiosport Team Championship (WRTC) is the ultimate of HF contesting events. In July 2026, the UK will host 100 operators from all around the world who seek to fight for the gold medal. After two years of qualification, the teams are locked in, and members are eagerly planning their fierce operating strategies. Meanwhile, the UK's Organising Committee continue to plan for this major event. How will it work and are we ready? Come along to find out…

Mark, M0DXR is Chairman of the Organising Committee of WRTC 2026 and together with the team has been running the project since January 2023. He is a serious contester and DXer. Since his presence emerged in the world of amateur radio as the RSGB Young Amateur of the Year over 25 years ago, Mark now enjoys multiple aspects of amateur radio across the spectrum. He continues to enjoy coaching others into the fascinating world of contesting.

Panel discussion: How to encourage clubs to thrive

The RSGB knows that there are a lot of clubs doing some great things both for their members and as outreach. The four clubs on this panel are just a small representation of the active and growing clubs. Each club has been invited onto the panel to talk about one specific aspect of their club activities that are contributing to the club's success and growth. The session aims to use the clubs' recent experience in media relations, building relationships with other organisations in the community, the delivery of face-to-face training and organising public-facing events to inspire others to try similar activities.

Panel Chair: Jim Lee, G4AEH
Panel members: Colin Ashley, M0XCA from Bracknell Amateur Radio Club; Dafydd Walters, M0WDV from Cray Valley Radio Society; Ian Evans, GI0AZB from Mid Ulster Amateur Radio Club; and Andy Atkinson, M0IXY from Thames Amateur Radio Group.

Bracknell Amateur Radio Club (BARC) is an established and growing club accessible to anyone with an interest in radio and electronics. The club prides itself in its technical and social activities with activities such as Parks on the Air and regular meetings being friendly and social occasions as well as fun and rewarding activities. This year the club has built links with the local Men's Shed who are now running their own Foundation Training for their members and have also created the Men's Sheds on the Air event to bring Sheds across the country together. BARC has also set-up a 'Construction Club' for new and experienced members that would like to learn to build radio kits and their own equipment. The club holds VHF, UHF Repeater and DMR Nets each week and posts regularly on Social Media and its website as well as attending local events to extend its reach across the local community.

Cray Valley Radio Society (CVRS), established in 1946 in South East London, is one of the largest and most active clubs in the UK. Membership has grown steadily to the current figure of 160 members. It is particularly recognised for its comprehensive face-to-face licence training courses. Offered at all three levels, the club achieves a high pass rate and offers 'after sales' support to candidates, helping to bring them into the amateur radio community

and into our club. The club is also committed to public outreach and has run major special event stations, most recently for the King's Coronation and the London Olympics. It now focuses on smaller community-based special events, including JOTA. Its diverse and thriving

membership engages in a wide array of activities, from contesting and practical construction projects to lively social gatherings.

The Mid Ulster Amateur Radio Club (MUARC) was founded in 1965 and is based in Portadown, County Armagh. It is one of Northern Ireland's longest-standing amateur radio organizations and over the past six decades, MUARC has grown into a dynamic hub for radio enthusiasts; fostering communication, experimentation, and community engagement. The club operates under the call sign MN0VFW and has consistently promoted amateur radio through education, outreach, and technical innovation. MUARC has been instrumental in helping members achieve their Foundation, Intermediate and Full licences, offering hands-on training in HF, VHF, UHF, digital modes, and antenna design. This year the club is celebrating its 60th anniversary with a number of field day activities and celebrations using one of its original call signs GI3VFW.

Thames Amateur Radio Group (TARG) came together as a formal club in 2012 to serve the amateur radio community in South Essex and to provide training for candidates and promote the hobby with the general public. There are five missions at the heart of TARG in the post pandemic world. These are amateur radio outreach via events at public venues, training via courses or individual mentoring, working with youth groups and collaborating with our sister clubs.

Lecture Room 3 – Progress

Getting the most from an oscilloscope
Bob Burns, G3OOU

This talk will review the high-level functionality of both an analogue and a digital oscilloscope, and an oscilloscope probe. It will consider some less then obvious problems with the probes and then discuss some basic measurements. The HP1741A and DHO914S scopes will be on display together with a typical 100MHz probe and a home constructed low capacitance probe specifically for RF applications.

Bob, G3OOU was first licensed in 1960 whilst studying for his electronics qualifications. In 1962, he completed his City and Guilds Certificate of Telecommunications and soon after completed his Graduate IERE examinations. He is now a Fellow of the Institution of Engineering and Technology (IET).

The first half of his career was spent as an RF design engineer including five years designing HF communications equipment for the Merchant Navy market. The second half was spent as a software engineer including six years in the Petro-chem industry, sixteen years in the accounting industry and the rest as a consultant specialising in data quality. Now retired, Bob has returned to RF engineering with a special interest in high performance receivers for his own radio station. He operates mostly CW on the HF bands and FM on the VHF bands. He has written articles for RadCom and local radio clubs and holds the G2LW callsign on behalf of the Crystal Palace Radio & Electronic Club.

Using low power Software Defined Radio (SDR) to rejuvenate medium and short wave broadcasting
Matthew Phillips, G6WPJ

This presentation will discuss why broadcasting below 30MHz is still a great resource that can be rejuvenated. It will look at the role Digital Radio Mondiale (DRM) can play in this regard and how the use of state-of-the-art Software Defined Radio (SDR) can lead to DRM capable radio receivers. This includes the benefits of low power operation, small size and low costs that can create large consumer demand. Matthew will also discuss low power SDR receiver architecture and implementation detail in addition to the wider implications for wide area coverage of digital radio broadcasting.

Matthew, G6WPJ has had a lifelong interest in radio communication since ta young age and was an avid short and medium wave listener in the 'golden years' of the 1970s. Matthew had his reception reports of short wave listening first published in Practical Wireless in 1974. Licensed as G6WPJ in 1982 Matthew's passion for radio led him into a professional career in wireless semiconductors working with TETRA, Bluetooth, Wi-Fi, GNSS and Cellular RF. More recently Matthew has been working with CML Micro a UK based semiconductor company to revolutionise DRM radio receiver design. Matthew is also engaged in promoting DRM digital broadcasting as a Steering Board member of the DRM Consortium an industry body formed to promote DRM broadcasting worldwide. Matthew sincerely believes that the rejuvenation of broadcasting in MF and HF using DRM can bring many social benefits to the poorest regions of the world.

The input impedance of your transmitter is not 50 Ohms!
Peter Duffett-Smith, GM3XJE

Peter recently saw a feature describing why it was important to match a 50 Ohm transceiver to the antenna feeder cable, suggesting the impedance of the transmitter is 50 Ohm, and claiming that a match is needed for maximum power transfer. However, this is not correct. While the input impedance of the receiver may be 50 Ohm, you may be surprised to learn that the input impedance of the transmitter is not. This is crucial for understanding what happens to the power in the reflected waves on the feeder when the VSWR is greater than 1:1. Peter will look into this and include an attempt to measure the input impedance of his transceiver when transmitting, as well as providing explanations of why it is not 50 Ohms.

Peter acquired a very old, large but defunct, family radio when he was eight, and found that he could give himself an electric shock when he disconnected a nine-volt battery from across the mains plug. From then on, he was hooked. His grandfather taught him the basics, gained his class A radio amateur licence, completed a PhD at Cambridge, and joined the Mullard Radio Astronomy Observatory at the Cavendish Laboratory under Nobel prize winners Professors Martin Ryle and Antony Hewish. He spent a happy working life investigating the cosmos, tinkering with antennas, and teaching Physics to undergraduates until retirement in 2013. He now lives in Scotland, where he continues to tinker with antennas and delvign into other interesting radio projects. He is the Technical Editor of RadCom, as well as a member of the RSGB Technical Forum.

Numerical modelling of the Grimeton VLF antenna
Dr Marcus C. Walden, G0IJZ

Dr Marcus Walden, G0IJZ will be delivering a presentation on using numerical modelling to understand how the historical Grimeton VLF antenna operates. Specifically, he will look at using NEC-5 software to gain insight and understanding on how this antenna system operates. Electromagnetic simulation is used to show the operation of this multiple-tuned, electrically short antenna at resonance. Simulation results agree with theoretical expectations and also the documented performance for this antenna. This modelling also provides a validation of NEC-5 on a complex antenna design having substantially different wire diameters at acute angles, something which can be a problem for older versions of NEC, including NEC-2 and even NEC-4.

Marcus, G0IJZ is an RF engineer, specialising in antennas and propagation. His interests cover VLF through to mmWave frequencies. He has presented at numerous international, peer-reviewed conferences, as well as published in technical journals. Marcus is a corresponding member of the RSGB Propagation Studies Committee and has previously presented at the RSGB Convention on HF near-vertical incidence skywave (NVIS) propagation and tropospheric ducting.

Developing the new Aurora radio
Mike Walker, VA3MW / KE2EAF

Join us as Mike, VA3MW presents an exclusive look at the new Aurora transceiver from FlexRadio Systems. With his deep experience as an operator and FlexRadio advocate, Mike will showcase how the Aurora pushes the boundaries of software defined radio (SDR) - delivering powerful performance, advanced signal processing, and the flexibility operators expect. Learn how the Aurora's innovations translate into real-world advantages for the amateur radio community.

Mike, licensed in 1974, has always loved technology. His first 'real' job with IBM was working on an actual Tube computer that had 64,000 tubes in NORAD that was 600ft underground at the height of the Cold War. He enjoys repeaters, HF, HF contesting, satellites, and is currently starting to tinker in EME digital modes and 10GHz microwave. As well as being a GA Pilot, he loves HF Station integration, and remote HF operation and currently represents FlexRadio Systems with the Marketing and Education team. He is very well-versed in FlexRadio technology.

Restoring and using vintage radio equipment on the amateur bands
Iain Moffat, G0OZS

During this lecture Iain will discuss the restoration and use of vintage equipment on the amateur bands. This will include how to get it, the things to watch out for, high voltage power sources, how to replace components, testing it and operating techniques for older equipment.

Iain, G0OZS was first licensed in 1986 in Aberdeen as GM1WCK and has held his current callsign since 1991. He grew up with radio in the 1970s as his father was a lifelong SWL. Iain has worked professionally as an electronic engineer twice, first in the 1980s and more

recently again since his retirement from BT. Iain has been involved with valve electronics since his first Oscilloscope needed repair on arrival at the age of 12. He got deeply involved with the vintage radio community after the British Army Clansman radios emerged into the amateur radio world via tender sales in the early 2000s. Iain has been a member of VMARS since 2007 and Hon Secretary since 2023.

Ladder crystal filter design
Bob Burns, G3OOU

During this presentation Bob will give a review of the processes and tools required to develop ladder crystal filters. The techniques are equally applicable to filters based on ceramic resonators. The talk concludes with the application of crystal filters to a receiver front end.

Bob, G3OOU was first licensed in 1960 whilst studying for his electronics qualifications. In 1962, he completed his City and Guilds Certificate of Telecommunications and soon after completed his Graduate IERE examinations. He is now a Fellow of the Institution of Engineering and Technology (IET).

The first half of his career was spent as an RF design engineer including five years designing HF communications equipment for the Merchant Navy market. The second half was spent as a software engineer including six years in the Petro-chem industry, sixteen years in the accounting industry and the rest as a consultant specialising in data quality. Now retired, Bob has returned to RF engineering with a special interest in high performance receivers for his own radio station. He operates mostly CW on the HF bands and FM on the VHF bands. He has written articles for RadCom and local radio clubs and holds the G2LW call sign on behalf of the Crystal Palace Radio & Electronic Club.

Workshops

Stewart Bryant, G3YSX (Friday workshop)

Stewart has volunteered for Board roles at the Radio Society of Great Britian (RSGB) since 2013. He was President of the Society from 2021 to 2023 and is currently the Chair of the Board. He has championed improvements in operating and technical skills in all age groups by organising and sponsoring a number of competitive amateur radio activities. His personal amateur radio activities include technology, construction and contesting as well as travelling to better understand the international amateur radio environment. For over a year he has been encouraging radio amateurs to explore the use of generative AI tools in home construction.

Professionally, Stewart gained a PhD in laser physics from Imperial College London. This led Stewart into a career in telecommunication where he held a number of leading research

and innovation roles in the creation of new Internet routing technologies. Stewart spent four years as Routing Area Director at the Internet Engineering Taskforce where he led the specification and standardisation of the Internet's routing system. He is an author of 49 Internet Specifications (RFCs) and is an inventor of over 80 patents.

Stewart is a visiting Professor at the University of Surrey and volunteers with the Institute of Engineering and Technology (IET) as an interviewer of candidates who wish to become chartered engineers.

Amateur radio in Scouting played a major role in Stewart's journey from a secondary modern school in South London to senior leadership positions in advanced engineering.

Mark Jones, G0MGX (Friday and Saturday workshops)

Mark has held voluntary roles at the Radio Society of Great Britian (RSGB) since 2013 and has been on a Board Director since 2024. Mark currently heads up the RSGB strategy and has responsibility for several areas of the RSGB's work. His personal amateur radio activities primarily include software and construction. Mark enjoys CW operation and is currently a student with the CW Academy in the advanced class to further his skills in the area.

Mark has a professional background in Nuclear Physics and Aviation, with the last ten years of his professional career spent specialising in fuel efficiency and carbon emissions in civil aviation. During his professional career, Mark was a Chartered Engineer with the British Computer Society. Mark holds qualifications in both Nuclear Physics and Software Engineering.

As a keen homebrewer, Mark enjoys QRP CW operation with homemade equipment. His home-lab allows construction on bands up to microwave frequencies and Mark has made equipment for use up to 10GHz.

Mark is the author of the RSGB book "Microcontroller Knowhow" and as a retired software professional, Mark is keen to share his insights into amateur radio related use of software with others. Mark led the MCU workshop at the RSGB 2024 Convention, which received very positive feedback.