

# Core and related Ham Skills

## Core Ham Skills

Security IoT W3C.org Citizen Science Climate/Weather  
Hacker Telemetry Radio-/Astronomy  
WeatherBalloons Electronics Experiments Algorithms  
Lightnings Kit GPS SSB Circuit Design Certifications  
FabLab DATV ADC Batteries/Accus DAC Measuring Code Camps  
Maker Contests Historic Telegraphy ISS Space Station Internet (F)OSS  
LoRa/WAN WSPR Short Waves FM Emergency\_Communications Languages IDEs  
DECT Microwaves STEM DX LAN/WLAN HAMNET VHF/UHF IETF  
Bluetooth Solar Activity Analog QRP Repeater DSP Ethernet MGM Zigbee  
Physics UDP Vocoder SMD Digital Direction Finding WPT  
M2M DIY Band plans APRS Interface Simulations IP TCP Drones  
UPS FSK/PSK/QAM/OFDM Open Source ARDF Operating SDR C/C++ EW/EMS  
PhotoVoltaics ADS-B Audio GNU Radio RPi/Arduino/ESP32 Regulations Linux 3D Printing  
ACARS Satellite Communication redpitaya SOTA Python experts  
Networks RFID FT8 Antennas Experiments Wave propagation Mathematics  
Ronja Smart Home Physics Projects NASA/ESA/DSN  
Sensors Robotics (Web)RTC Sigint HamSCI.org