

IEEE Rising Stars Conference

2-JAN-2022 from 0900hrs-1300hrs

<https://iee-risingstars.org/2022/>

SDR Workshop - 2022

1. **ITU Phonetic Alphabet Introduction** - Create your "Zombie Apocalypse" call sign using "ZA" as the prefix, group number (0-9), then First Initial, Middle Initial, Last Initial for "ZA(0-9)FML" - **Duration 15 minutes**
2. **In Person QSO** – In the room using either your "Zombie Apocalypse" or actual FCC callsign, make as many "contacts" as possible, exchange callsigns and collect one piece of information (favorite color etc.). Prizes for 1st, 2nd, and 3rd place of the most "contacts" made. - **Duration 15 minutes**
3. **Presentation(s)** - SDR concept (slide deck), case study using SDR to capture, record, and unlock using replicated signal from SDR, show list of web SDR's. - **Duration 30 minutes**
4. **Poker Run** - Using UHF radios issued to attendees, download the image decoder (Robot36) app on their phones, receive broadcasted images (5), take the image to a table and draw a playing card from the deck of cards (one deck per image). After 5 images are received, each attendee uses their cards to play their best Poker hand. Prizes for 1st, 2nd, and 3rd places. - **Duration 45 minutes**
5. **DX Contest** - Attendees try to reach stations on HF (20m/40m), and using local repeaters on VHF/UHF around the world. Using QRZ we can look up the callsign of the stations they contact, measure distance from our QTH. Prizes for 1st, 2nd, and 3rd places - **Duration 45 minutes**



Cohiba 10-11

Tropicana Hotel
Las Vegas, NV
2-JAN-2022

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