

Saturday, May 17th, 2024

<b>TIME</b>	<b>ROOM</b>	<b>FORUM</b>
9:15 AM to 10:05 AM	Room 1	<b>Ham Nation and Friends</b> Moderator: Josh Nass, KI6NAZ HamNation, Live in person, hosted by Josh. The crew will bring on friends of the
9:15 AM to 10:10 AM	Room 2	<b>ARISS:</b> Moderator: Frank Bauer, KA3HDO
9:15 AM to 11:15 AM	Room 3	<b>Radio Club of America Youth Forum</b> Moderator: Jim Storms, AB8YK Participants: Katie Campbell, KE8LQR; Lilly Colon, W8LIL; Maggie Flowers, KE2AIZ; Max Freedman, N4ML; Dominic Hord, AD8AK; Isaiah Russell, KJ5CMP; Josiah Russell, WD5JR; Levi Stevens, KG5XR Join us for the Radio Club of America Youth Forum, featuring presentations from young ham radio operators. Topics will include the Dave Kalter Youth DX Adventures, breaking records, microwaves and CW, POTA, and contesting. Learn about the growing involvement of youth in amateur radio and engage with the speakers during the panel discussion and Q&A session. The forum will conclude with prize giveaways and key takeaways, highlighting the future of ham radio and the contributions of young operators to the hobby. Whether you're
9:15 AM to 10:10 AM	Room 4	<b>HF Digital Modes</b> Moderator: Mel Whitten, KOPFX Speakers: Mooneer Salem, K6AQ and JoeBrett Wicker, K5YVY SSB faces many issues making QSOs on HF difficult. What if these challenges could be reduced or eliminated using modern techniques? Mooneer, K6AQ will describe how FreeDV, with the help of an ARDC grant, uses machine-learning to create a better-than-SSB digital voice mode, the Radio Autoencoder (RADE). JoeBrett, K5YVY will introduce you to a new mode, FreeDATA an open-source PC
10:15 AM to 11:45 AM	Room 1	<b>DX Forum - Part 1</b> Moderator: Brian Bathe, AD8FD Speakers: DXpedition Reviews including 3D2Y, OK2WX, and XT2MD
10:20 AM to 11:20 AM	Room 2	<b>Explore the Excitement of Parks on the Air</b> Moderator: Kevin Thomas, W1DED Discover why Parks on the Air® (POTA) has become the fastest-growing segment of amateur radio! Since its launch in 2017, POTA has inspired thousands of hams worldwide to combine their love of radio with the great outdoors. Whether you're chasing contacts from home or activating from breathtaking parks, POTA offers something for everyone—including new operating challenges and unforgettable experiences. Join us at the Dayton Hamvention POTA Forum to learn how this incredible program came to life, meet fellow enthusiasts, and gain practical tips to level up your POTA adventures. Whether you're a seasoned activator or new to the scene, this session will help
10:20 AM to 11:15 AM	Room 4	<b>Fast Scan Amateur Television Forum</b> Moderator: Art Towslee, WA8RMC Speaker: Joel Wilhite, KD6W A beginners overview of Digital Amateur Television and how it is used for repeater operation. Also described will be how build and operate a DATV
11:25 AM to 12:50 PM	Room 3	<b>ARRL Membership Forum</b> Moderator: Scott Yonally, N8SY, ARRL Director - Great Lakes Division

- Join leaders from ARRL for an update on the organization's ongoing efforts to promote and protect the art, science, and enjoyment of amateur radio, and to develop the next generation of radio amateurs. Learn how ARRL is working to foster a vibrant ecosystem connecting radio amateurs and radio clubs to boost recruitment, licensing, and training efforts. Hear about ARRL's advocacy efforts for the Amateur Radio Emergency Preparedness Act, recently reintroduced to both the US Senate and House. This important legislation seeks to restore the rights of Amateur Radio Operators to install antennas necessary to serve their
- 11:25 AM to 12:20 PM Room 4 **Hints and Kinks with the NanoVNA**  
Moderator: Eric Nichols, KL7AJ  
The popular NanoVNA is capable of much more than just an antenna analyzer. We will go into depth on some of the less-known functions and applications.
- 11:30 AM to 12:30 PM Room 2 **Parks on the Air: The Road Ahead**  
Moderator: Kevin Thomas, W1DED  
Speakers: Rick Parent (???), John Ford (AB00), Thom Martin (W8TAM), Mike Case (W8MSC), Tom Suggs (N4MTE), Mark Torigian (K8MST), and Kevin Thomas  
Get an exclusive look at the future of Parks on the Air® from the leaders shaping its direction! Join POTA's President and board members for an engaging session on POTA's evolution and vision.  
Learn firsthand about upcoming initiatives, exciting program enhancements, and new ways to connect with the global POTA community. With a dynamic Q&A session and special surprise guests, this forum is a must-attend for anyone passionate about POTA's future. Bring your questions and your enthusiasm—be
- 11:55 AM to 1:25 PM Room 1 **DX Forum - Part 2**  
Moderator: Brian Bathe, AD8FD  
Speakers:  
DXPedition Reviews including V73WW & N5J
- 12:30 PM to 1:25 PM Room 4 **VHF-UHF-Microwave Forum**  
Moderator: Tony Emanuele, K8ZR  
Current topics related to the amateur bands from 50 MHz thru the mm-Wave
- 12:40 PM to 1:40 PM Room 2 **Remote HF**  
Moderator: Michael Walker, VA3MW
- 1:00 PM to 4:00 PM Room 3 **ARRL Youth Rally Activities**  
Moderator: Steve Goodgame, K5ATA, ARRL Education and Learning Manager  
Connect with other young hams at Hamvention! We'll get to know each other, and we'll explore a variety of amateur radio interests and activities. Take part in a foxhunt, help launch a pico balloon, make a contact with a parachute mobile station, and other fun! Bring a 2-meter handheld radio if you have one. This session is limited to students ages 11 – 21. Pre-registration is recommended at [www.arrl.org/expo](http://www.arrl.org/expo). This forum is sponsored by ARRL The
- 1:35 PM to 3:50 PM Room 1 **Contesting**  
Moderator: Doug Grant, K1DG  
Speakers:  
This forum will explore several topics of interest to both beginning and experienced contesters.  
"The Great Montana Sweepstakes Shootout of 2024" - Chris Hurlbut, KL9A/KM7W, and Pat Barkey, N9RV, "Youth Contesting in Europe" - Jules Benkemoun, F4IEY, "QSO Party Roving in Style" - Chris Knox, KI1P, "Introducing
- 1:35 PM to 2:30 PM Room 4 **Close Encounters of the Microcontroller Kind**  
Moderator: Glen Popiel, KW5GP  
Join ARRL author Glen Popiel, KW5GP, in an all-new presentation as he demonstrates advanced projects and design concepts with the Arduino and other microcontrollers. Learn just how much fun you can have creating your own microcontroller-based projects for your ham shack, family, and friends.
- 1:50 PM to Room 2 **AMSAT**

- 3:10 PM Moderator: Phil Smith, W1EME  
Speakers:
- 2:40 PM to Room 4 **Node Red Live Build**  
3:50 PM Moderator: Kyle Krieg, AA0Z
- 3:20 PM to Room 2 **System Fusion**  
5:00 PM Moderator: Mark Thompson, WB9QZB  
Speakers: John Kruk, N9UPC, Sales Manager, Amateur Radio Sales Division,
- 4:00 PM to Room 1 **HamSCI: The Ham Radio Science Citizen Investigation**  
5:00 PM Moderator: Nathan Frissell, W2NAF
- 4:00 PM to Room 4 **ARRL Collegiate Amateur Radio Program (CARP)**  
5:00 PM Moderators: Tony Milluzzi, KD8RTT, Advisor, ARRL Collegiate Amateur Radio Initiative  
Andy Milluzzi, KK4LWR, Advisor, ARRL Collegiate Amateur Radio Initiative  
Bob Inderbitzen, NQ1R, Staff Liaison, ARRL Collegiate Amateur Radio Initiative  
Since the ARRL Collegiate Amateur Radio Program (CARP) was established in 2017, we've been growing our community of participating students and ham radio clubs at colleges and universities. CARP holds monthly Zoom meetups and make connections through our CARP Facebook group and Discord. Join us! We're (re)inspiring ham radio among our nation's colleges and universities, meeting other students, and developing career connections. Students, alumni, and faculty are all welcome! The ARRL Collegiate Amateur Radio Program is sponsored in part by the W1YSM Snyder Family Collegiate & ARRL Affiliated Club
- 4:10 PM to Room 3 **Software Defined Radio**  
5:00 PM Moderator: Stephen Hicks, N5AC