

Digital Communications Conference

September 15-17, 2017 • St. Louis, MO

Last Revision: September 8, 2017



<http://www.tapr.org/dcc>

Schedule at a Glance

Friday, 14 Sep

9:00 AM TAPR Board Meeting
5:00 PM (everyone is welcome to attend)

Friday, 15 Sep

8:00 AM Conference Registration and
Demonstration Room Open
8:45 AM Welcome
9:00 AM Technical Presentations
Noon Lunch
1:00 PM Technical Presentations
5:30 PM Friday Night Social
10:00 PM Demonstration Room Closed

Saturday, 16 Sep

8:00 AM Conference Registration and
Demonstration Room Open
8:45 AM Welcome
9:00 AM Technical Presentations
Noon Lunch
1:00 PM Technical Presentations
4:00 PM TAPR Membership Meeting
6:00 PM No Host Cash Bar
7:00 PM Dinner Banquet
10:00 PM Demonstration Room Closed

Sunday, 17 Sep

8:00 AM Sunday Seminar
Noon

Rooms at a Glance

Registration – Lobby

Demonstration Room –

Thursday

TAPR Board Meeting – Souland

Friday

Main Session Technical Presentations – Marquette South
& Central

Lunch – Joliet Ballroom

DCC Social – Patio

Saturday

Main Session Technical Presentations – Marquette South
& Central

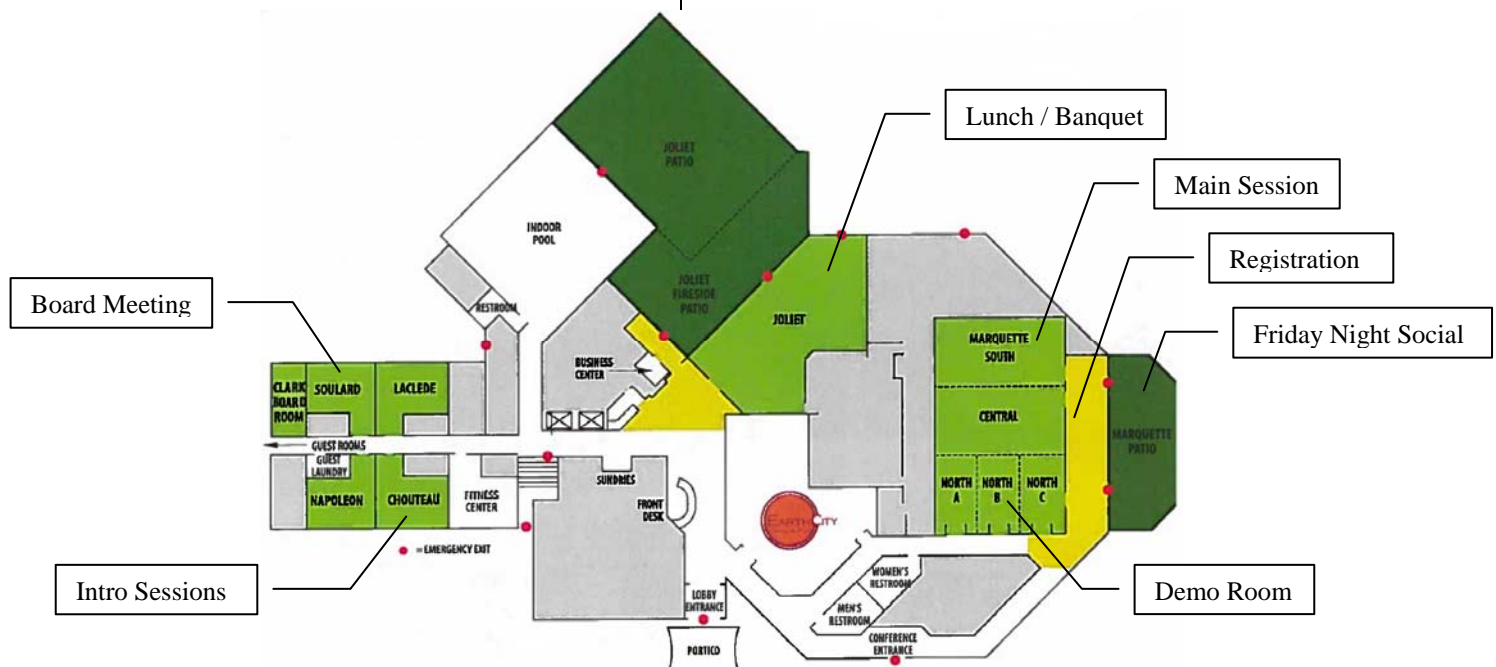
Introductory Sessions Presentations –

Lunch – Joliet Ballroom

Dinner Banquet – Joliet Ballroom

Sunday

Sunday Seminar – Marquette South
& Central



Preliminary 2017 DCC Conference Schedule

	Friday	Saturday		Sunday
8:00 AM	Conference Registration Demonstration Room Open	Conference Registration Demonstration Room Open		Sunday Seminar 8:00 AM – 12:00 AM The Citizen Weather Observer Program, and APRS Weather: History, Futures and Brainstorming Gerry Creager N5JXS
8:45 AM	Main Session Welcome and Introductions	Main Session Welcome and Introductions	Introductory Session	
9:00 AM	Getting Started with FreeDV and the SM1000 DV Adapter Mel Whitten, KØPFX	A New Generation of Ham Radio - Technology, Fun, and Relationships Ward Silver, NØAX	Intro to VHF/UHF Digital Voice Overview Mark Thompson, WB9QZB	
9:45 AM	Ham Radio Education, Testing and Training David Bern, W2LNX	Internet Telegraph - Outfitting the First Digital Mode with 21st Century Technology Scotty Cowling, WA2DFI	Intro to System Fusion Chris Petersen, K9EQ	
10:30 AM	System Fusion From the Inside Chris Petersen, K9EQ	Tracking Wildlife with Software Defined Radio in the VHF Band Dave Witten, KDØEAG	Intro to DMR George Schindler, WBØIIS	
11:15 AM	Understanding Noise in Digital Systems Steve Hicks, N5AC	Development and Design of Firmware Programming Tools for the openHPSDR Hardware Dave Larsen, KVØS		
Noon	Lunch	Lunch		
1:00 PM	Connecting DVMega, Shark RF openSpot,and Motorola XTR 8300 to the Brandmeister Network Mark Miller, N5RFX	Raspberry Pi 9600 Baud TNC (TNC-Pi9k) Mark Griffith, KDØQYN		
1:45 PM	All Your Modems Are Belong To Us Brady O’Brien, KC9TPA	Ground Based DVB-S2 Repeater for GEO Satellites Wallace Ritchie, WU1Y		
2:30 PM	State of Digital Voice and Recent Progress Bruce Perens, K6BP	HamSCI and the 2017 Total Solar Eclipse Nathan Frissell, W2NAF, et. al. The H.A.R.C. Database and Visualization Utilities Joshua Katz, KD2JAO, et. al. Developing a Solar Eclipse Simulation for Greater Good Joshua S. Vega, WB2JSV, et. al.		
3:15 PM	Some thoughts about spectrum regulation, past, present, and future Tim Shepard, KD1KY	How to Fill a Terabyte Disk: Using Software Defined Radios in the HamSCI Solar Eclipse Experiment John Ackermann, N8UR		
4:00 PM	Play Time in the Demonstration Room	TAPR Annual Meeting		
		Play Time in the Demonstration Room		
5:30 PM	Friday Night Social No-Host Cash Bar			
6:00 PM		Dinner No-Host Cash Bar (6:00 PM) Dinner (7:00 PM) Ham Radio, the Best 1,000 Hobbies you can Undertake by Tom McDermott, N5EG Awards Presentation Prize Drawings		
10:00 PM	Demonstration Room Closed			