

Digital Communications Conference

September 14-16, 2018 • Albuquerque, NM

Last Revision: August 15, 2018



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

Schedule at a Glance

Thursday, 13 Sep

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

Friday, 14 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, 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
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, 16 Sep

8:00 AM Sunday Seminar
Noon

Rooms at a Glance

Registration – Precon Hallway
Demonstration Room – Tijeras

Thursday

TAPR Board Meeting – Vista Norte

Friday

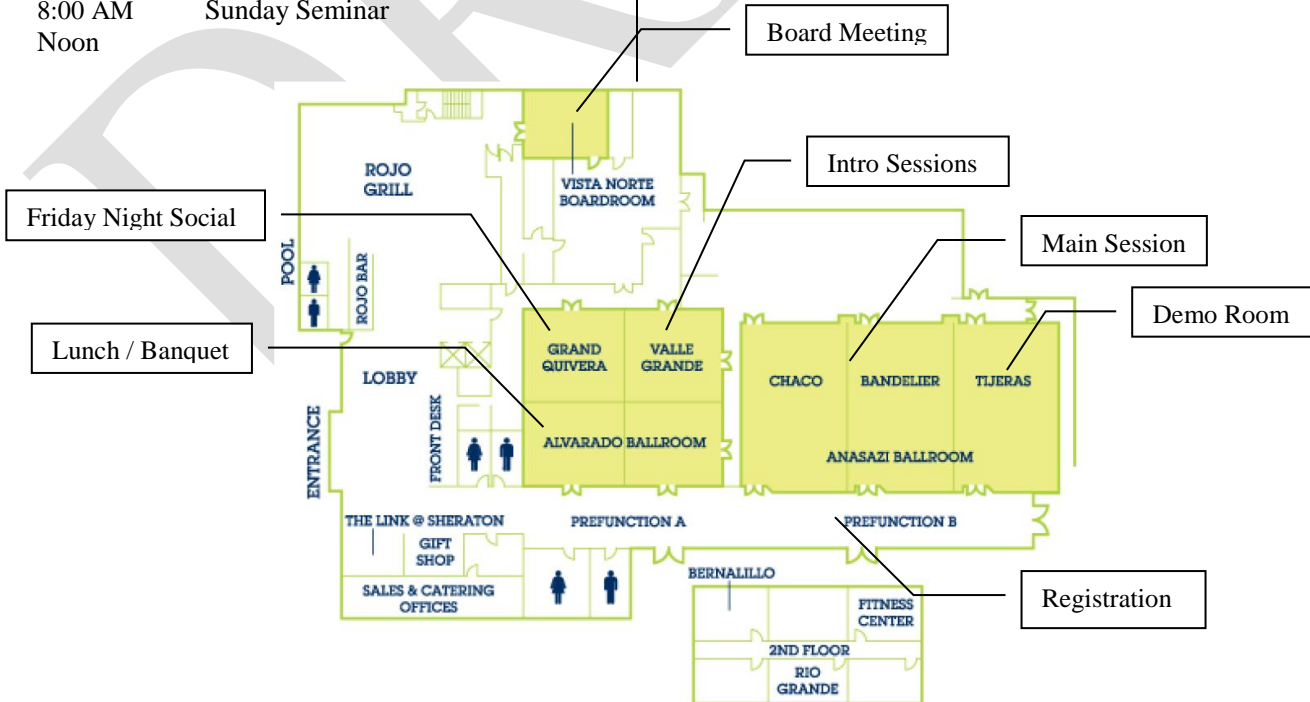
Main Session Technical Presentations – Chaco/Bandelier
Lunch – Alvarado Ballroom
DCC Social – Grand Quivera

Saturday

Main Session Technical Presentations – Chaco/Bandelier
Introductory Sessions Presentations – Valle Grande
Lunch – Grand Quivera
Dinner Banquet – Alvarado Ballroom

Sunday

Sunday Seminar – Chaco/Bandelier



Preliminary 2018 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 HamSCI Personal Space Weather Station Nathaniel Frissell, W2NAF	
8:45 AM	Main Session Welcome and Introductions	Main Session Welcome and Introductions		Introductory Session
9:00 AM	TBA	TBA		Intro 1
9:45 AM	TBA	Bringing Net-44 and IPv6 to your Station via VPN John Hays, K7VE		
10:30 AM	Understanding DMR Networks Jason Johnson, KC5HWB	DRAWS; Digital Radio Amateur Workstation Bryan Hoyer, K7UDR		Hi-Def Digital Television for ham stations and repeaters Mel Whitten, KØPFX
11:15 AM	Deploying a multi-site DMR system for the Total Eclipse of the Sun Mike Pappas, W9CN, and John Spainhower, NØJPS	Study on Actual Usage of FT 8 in the US and Japan Masaaki Maeda, JR1AQN/W2		
Noon	Lunch	Lunch		
1:00 PM	Fire Talks	Fire Talks	Intro 3	
1:45 PM	TBA	Beyond Line-of-Sight Digital Communications with the LoRa Spread-Spectrum Waveform Dan Fay, KG5VBY		
2:30 PM	TBA	Implementing MACA and Other Useful Improvements to Amateur Packet Radio for Throughput and Capacity Steven Gunderson, and John Bonnett, KK6JRA	Intro 4	
3:15 PM	Ionospheric Measurements of the 2017 Great American Eclipse Nathaniel Frissell, W2NAF Phil Erickson, W1PJE	Realtime Multicast for SDR Module Interconnection Phil Karn, KA9Q		
4:00 PM	Play Time in the Demonstration Room	TAPR Annual Meeting		
5:30 PM	Friday Night Social	Play Time in the Demonstration Room		
6:00 PM	No-Host Cash Bar	Dinner No-Host Cash Bar (6:00 PM) Dinner (7:00 PM) Towards A 21st Century Understanding of Earth's Upper Atmosphere: The Value of Radio Based Amateur-Scientist Partnerships by Dr. Philip J. Erickson, W1PJE Awards Presentation Prize Drawings		
10:00 PM	Demonstration Room Closed			