

# Digital Communications Conference

September 25-27, 2009 • Chicago, Illinois

Last Revision: September 8, 2009



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

## Schedule at a Glance

### Friday, 25 Sep

8:00 AM	Conference Registration and Demonstration Room Open
9:30 AM	Welcome
9:45 AM	Technical Presentations
Noon	Lunch
1:00 PM	Technical Presentations
4:00 PM	Break
7:00 PM	Friday Night Social
11:00 PM	Demonstration Room Closed

### Saturday, 26 Sep

8:00 AM	Conference Registration and Demonstration Room Open
9:30 AM	Welcome
9:45 AM	Technical Presentations
Noon	Lunch
1:00 PM	Technical Presentations
3:15 PM	TAPR Membership Meeting
4:45 PM	Break
7:00 PM	Dinner Banquet
11:00 PM	Demonstration Room Closed

### Sunday, 27 Sep

8:00 AM	Seminar: <i>Adding a Micro-Controller System Into Your FPGA</i> <i>Jim Moawad, Arrow Electronics</i>
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## Rooms at a Glance

Registration – Grove  
Demonstration Room – Elk

### Friday

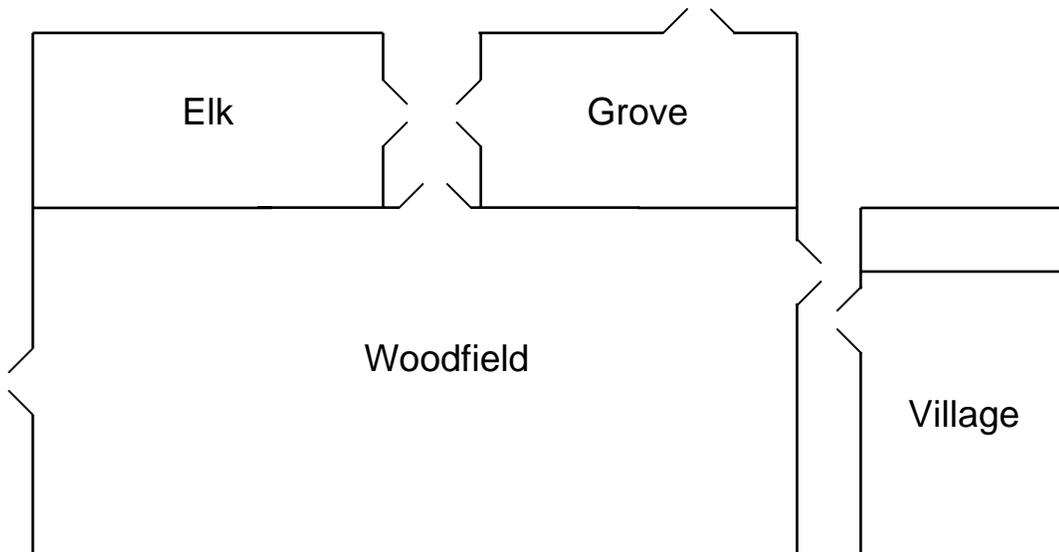
Main Session Technical Presentations – Woodfield  
Lunch – Atrium  
DCC Social – Atrium

### Saturday

Main Session Technical Presentations – Woodfield  
Introductory Sessions – Village  
Lunch – Atrium  
Dinner Banquet – Atrium

### Sunday

Sunday Seminar – Woodfield



# Tentative 2009 DCC Conference Schedule

Last Revision: September 8, 2009

	<b>Friday</b>	<b>Saturday</b>	<b>Sunday</b>	
8:00 AM	Conference Registration Demonstration Room Open	Conference Registration Demonstration Room Open	<b>Sunday Seminar – Woodfield</b> <b>8:00 AM – 10:00 AM</b> <b>Adding a Micro-Controller System Into Your FPGA</b> Jim Moawad, Arrow Electronics  <b>10:00 AM – Noon</b> TBD	
9:30 AM	<b>Main Session – Woodfield</b> Welcome and Introductions	<b>Main Session – Woodfield</b> Welcome and Introductions		
9:45 AM	Surface Mount Construction Techniques – It’s Not Just for Breakfast Anymore! Larry Wolfgang, W1RB	WRC-12 Agenda Item 1.19: Shaping the International Regulatory Framework for Software Defined and Cognitive Radio Systems Brennan T. Price, N4QX		<b>Introductory Session</b> <b>Intro to D-Star Digital Voice &amp; Data</b> Mark Thompson, WB9QZB
10:30 AM	A PS/2 Keyer: Using Keyer Paddles to Emulate a PS/2 Keyboard and Mouse David Bern, W2LNK	Experiments with Delay and Disruption Tolerant Networking in AX.25 and D-Star Networks John Ronan, EI7IG, Kristian Walsh and Darren Long, GØHWW		<b>Introductory Session</b> <b>Intro to HF Digital Voice</b> Mel Whitten, K0PFX
11:15 AM	VSC-X: Using ZigBee to Implement a Virtual Serial Cable for Remote Programming of Mobile Radios John A. Hansen, Ph.D., W2FS	Comparing 2-Meter Packet Radio Data Unicasts and Multicasts Paul D. Wiedemeier, Ph.D., KE5LKY		
Noon	Lunch	Lunch		
1:00 PM	Matched Filter and Maximum a Posteriori Detector for Amateur Radio Digital Modes Rob Frohne, KL7NA and Mark Priddy, KE7UFF	Planning a Digital-ATV Station for DVB-S Ken Konechy, W6HHC and Robbie Robinson, KB6CJZ	<b>Introductory Session</b> <b>Intro to APRS</b> John Ronan, EI7IG	
1:45 PM	GPS-Enabled Digital Mode Transmitter Bill Brown, WB8ELK	Digital Television – The New Ham Frontier Art Towslee, WA8RMC		
2:30 PM	ARISSat- 1 Update Steven Bible, N7HPR	Ham Radio Digital Data Comms at the US Marine Corp Marathon Tom Azlin, N4ZPT		
3:15 PM	HPSDR Update Scotty Cowling, WA2DFI	Universal Ham Radio Text Messaging Bob Bruninga, WB4APR		
4:00 PM	Play Time in the Demonstration Room	TAPR Annual Meeting		
4:45 PM		Play Time in the Demonstration Room		
5:30 PM				
6:00 PM		No-Host Bar		
7:00 PM	<b>Friday Night Social</b>	<b>Dinner – Woodfield</b> Banquet Speaker <b>Bill Brown, WB8ELK</b> New Heights for Digital Communications – High Altitude BalloonSats Awards Presentation Prize Drawing		
11:00 PM	Demonstration Room Closed			