



Information

Mark your calendar and start making plans to attend the premier technical conference of the year, the **25th Annual ARRL and TAPR Digital Communications Conference** to be held **September 15-17, 2006**, in **Tucson, Arizona**. The conference location is the **Clarion Hotel Tucson Airport** hotel. Updated conference information is available at <http://www.tapr.org/dcc>.

The ARRL and TAPR Digital Communications Conference is an international forum for radio amateurs to meet, publish their work, and present new ideas and techniques. Presenters and attendees will have the opportunity to exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications.

Topics include, but are not limited to: Software defined radio (SDR), digital voice, digital satellite communications, Global Position System (GPS), precision timing, Automatic Position Reporting System[®] (APRS), short messaging (a mode of APRS), Digital Signal Processing (DSP), HF digital modes, Internet interoperability with amateur radio networks, spread spectrum, IEEE 802.11 and other Part 15 license-exempt systems adaptable for Amateur Radio, using TCP/IP networking over amateur radio, mesh and peer to peer wireless networking, emergency and Homeland Defense backup digital communications, using Linux in amateur radio, updates on AX.25 and other wireless networking protocols.

Introductory and Technical Sessions

The ARRL and TAPR Digital Communications Conference is for all levels of technical experience, not just for the expert. Not only is the conference technically stimulating, it is a weekend of fun for all who have more than a casual interest in any aspect of amateur digital communications. Introductory sessions are scheduled throughout the DCC to introduce new technical topics for beginners and experts alike.

This is a must attend conference for technically inclined amateurs. Now, more than ever, amateur radio needs this great meeting of the minds to demonstrate a continued need for our current frequency allocations by pushing forward and documenting our achievements. The ARRL and TAPR Digital Communications Conference is the best way to record our accomplishments and challenge each other to do more.

Call for Papers

Technical papers are solicited for presentation at the 25th Annual ARRL and TAPR Digital Communications Conference to be held September 15-17, 2006 in Tucson, Arizona, and publication in the Conference Proceedings. Annual conference proceedings are published by the ARRL. Presentation at the conference is not required for publication. Submission of papers are **due by July 31st, 2006** and should be submitted to

Maty Weinberg, ARRL
225 Main Street
Newington, CT 06111

or via the Internet to

maty@arrl.org

Information on paper submission guidelines are available on-line at

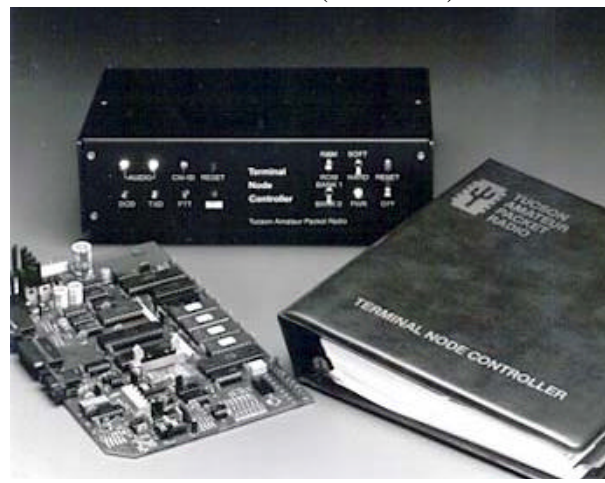
<http://www.tapr.org/dcc/>

Banquet Speaker

The TAPR Founders

Listen and learn about TAPR in the early days from those that started it all. What were the challenges then? What challenges face the technical side of Amateur radio today?

TAPR TNC-1 (circa 1982)



Two-Day Conference, Saturday Banquet, and Sunday Seminar

Friday –Technical and introductory sessions will be presented all day Friday and Saturday. The DCC will also host the *Tenth Annual APRS National Symposium* with expanded coverage both days. APRS enthusiasts are highly encouraged to submit their presentations to be printed in the annual DCC proceedings.

Friday Evening Social – Join us for a Friday evening social get together.

Saturday – Technical and introductory sessions continue throughout the day.

Saturday Evening Banquet – Banquet with guest speaker. Concluding the evening will be a small awards presentation and prize drawing.

Sunday Seminar –The ever-popular “Sunday Seminar” – the topic this year is Beginning FPGA Development by Austin Lesea AB6VU.

Hotel

Conference presentations, meetings, and seminars will be held at the **Clarion Hotel Tucson Airport**. It is highly recommended that you book your room prior to arriving. A special DCC room rate of **\$69 single/double** per night has been blocked and is available until August 31st, 2006. Be sure to book your rooms early! Transportation to and from the hotel is via hotel shuttle. Please contact the hotel to arrange specific transportation needs.

Clarion Hotel Tucson Airport

6801 S. Tucson Blvd.

Tucson, Arizona 85706

Phone: 1 520-746-3932 Fax: 1 520-889-9934

(<http://www.choicehotels.com/hotel/AZ034>)

Area Attractions

Pima Air Museum, San Xavier del Bac Mission, Arizona Sonora Desert Museum

What you can expect at DCC 2006

There are few activities where your participation can be **so much fun and important!** What a great way to share and renew your enthusiasm for digital amateur radio! A get-together with colleagues and bringing each other up to date on your latest work – all this, and more, for an unforgettable weekend of amateur radio and digital communications.

Tucson Amateur Packet Radio

Phone: (972) 671-TAPR (8277)

Fax: (972) 671-8716

Email: tapr@tapr.org

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

Registration Form

Contact the TAPR office by Phone (972)-671-TAPR (8277), Fax (972)-671-8716, or Internet: <http://www.tapr.org> and tapr@tapr.org to register or for additional information.

Student pricing (17 yrs and under)

50% off regular price

Two-Day Conference (includes proceedings)

Pre-Registration (before Sep. 1st)

\$70.00 _____

Registration (after Sep. 1st) or at door

\$80.00 _____

Single Day (Fri. or Sat.) (includes proceedings)

Pre-Registration (before Sep. 1st)

\$40.00 _____

Registration (after Sep. 1st) or at door

\$50.00 _____

Saturday Banquet

Dinner with Guest Speaker

Prize Drawing

\$35.00 _____

Sunday Seminar

Beginning FPGA Development

by Austin Lesea AB6VU

Sunday, 8:00 am – 12:00 pm. **\$25.00** _____

TOTAL _____

Name/Call: _____

Street Address: _____

City/State/Zip: _____

Country: _____

Phone Number: _____

Email: _____

Charge my credit card (circle one):

VISA MasterCard

Acct. No.: _____

Expiration Date: _____

Name on card: _____

Signature: _____

Mail completed registration form with payment (Credit card or Check) to:

TAPR

P. O. Box 852754

Richardson, TX 75085-2754

Or check <http://www.tapr.org/dcc> for an on-line registration form.

A registration packet will be mailed in September upon receipt of registration form and payment.