



Antique Radio Charlotte

An annual conference for antique and
vintage radio collectors and historians.

Thursday, Friday & Saturday
March 22-23-24, 2012

Sponsored by the Carolinas Chapter of the
Antique Wireless Association



The Charlotte International
Cryptologic Symposium will be
held in conjunction with the
Antique Radio Conference this
year. Noted crypto historians
and collectors from all over the
world will be attending.

CAROLINAS CHAPTER OF THE AWA

<http://www.cc-awa.org/>

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Membership in the Carolinas Chapter of the Antique Wireless Association (CC-AWA) is open to anyone with an interest in old (antique) radios.

Anyone who pays registration for the 2012 conference will automatically receive one year's membership in the Carolinas Chapter of the AWA. This is only chapter membership and does not include membership in the Antique Wireless Association. If you are already a paid member in the chapter, your membership will be extended one year.

If you can't attend the conference, membership dues for the CC-AWA are \$10 per annum. Mail your CC-AWA dues to membership chairman Clare Owens - address is listed above.

Any correspondence, including any newsletters that are published, will be disbursed electronically. Please make sure that the CC-AWA has a current email address on file.



Forum Speakers

Check schedule on pages 2-4
for dates and times.

CC-AWA

Tubes and how they function in radios and related equipment

by Prof. John Allen W4GQT

Early Wireless "1900" Demonstration

BY Tim Patton K4TJP
and Brian Justin WA1ZMS

Oddball circuits used in European radios

By Robert Lozier

2012 AWA Rochester Conference

by Roy Wildermuth

Crypto Symposium

The Charlotte International Cryptologic Symposium! March 22-24, 2012 at the Sheraton. Three days featuring top names from the world of Cryptology-government and academia.

From NSA's Center for Cryptologic History: Drs. David Hatch, NSA Historian and Craig Bauer will be

bringing the SIGABA cipher machine & speaking on its operation and cryptographic strengths.

From the United Kingdom, Canada and elsewhere cryptographic equipment collectors from the world will attend this conference bringing significant artifacts from their cryptologic collections, many of these dating back to World War Two and further: including rare items from the American Civil War.

The list of speakers includes: Mr. John Alexander of the UK; Dr. David Hamer of NCMF at Fort Meade; Dr. Richard Brisson of Ottawa, Canada; Mrs. Deborah Desch Anderson of Dayton OH - who will speak about her father's part in the development of the US Naval Bombe during WW2; Prof. Nick Gessler of Duke University will discuss and demonstrate examples from his private crypto collection; Mr. Jerry McCarthy of the UK on Computerized Cryptological Simulation; Mr. Dan Thomasson on his experiences in secret codes, code breaking and DF antennae, and Herr Klaus Schmeh of Germany speaking on 'Top Ten Unsolved Encryption Mysteries'.

Charlotte Conference Event Schedule

All the seminars are open to all registered conference attendees.

- ALL—applies to all attending the Antique Radio Conference
- AWA-Antique radio themed programs
- CS-Crypto themed programs
- TCA- Tube collector themed programs

A BRM-Ballroom A

BPL-Back Parking Lot

B BRM-Ballroom B

REG Tent-Registration Tent

C/D BRM—Ballroom C & D

Oscars Rest. Oscar Restaurant

JR BRM-Junior Ballroom

Thursday, March 22nd

Subject to Change

GRP	TIME	SPEAKER	TOPIC	LOCATION
ALL	8:00 am	Registration Desk Opens in hotel lobby. Check-in All Day		
ALL	9:00 am	Welcome-Ron Lawrence		C/D BRM
TCA	9:15 am-12:00 pm	Tube Collector's Meeting		C/D BRM
CS	9:15 am	Dr. Nick Gessler	Crypto Devices	JR BRM
CS	10:00 am	John Alexander	John's Crypto Topics	JR BRM
CS	11:00 am	Richard Brisson	Special Selected Crypto Topics	JR BRM
ALL	12 noon	Kick off luncheon in main lobby.		
AWA	1:00 pm-5:00 pm	Programs & Forums. Most forums will last 20 minutes to 1 hour, with a 5 minute break in between each program		C/D BRM
CS	1:00 pm	David Hatch, NSA	SIGABA	JR BRM
CS	2:00 pm	Craig Bauer	Crypto Math	JR BRM
CS	3:00 pm	David Hamer	U-85 Enigmas	JR BRM
AWA	4:00 pm	CC-AWA Annual Member Meeting		
CS	4:00 pm	Jim Oram	Enigma Restorations	JR BRM
CS	4:45 pm	Jerry McCarthy	Computerized Cryptological Simulation	JR BRM
ALL	6:00 pm	Soup & Sandwich Buffet		Oscars Rest.

Thursday, March 22nd (cont.)

Subject to Change

GRP	TIME	SPEAKER	TOPIC	LOCATION
CS	7:00 pm	View Cipher machines		JR BRM
CS	7:30 pm	Jim Oram	Introduction of Debbie Desch	JR BRM
		Debbie Desch	Joe Desch & the Navy Crypanalytic Bombe	C/D BRM
ALL	8:00 pm	Video: "The Dayton Codebreakers"		C/D BRN
ALL	9:00 pm	Social Time		

Friday, March 23th

Subject to Change

ALL	6:30 am	Breakfast		REG Tent
AWA	8:00 am	Flea Market Opens. Le Mans Start		BPL
CS	9:00 am	John Alexander	John's Crypto topics	JR BRM
AWA	10:00 am	Auction & Contest Check-in		C/D BRM
CS	10:00 am	Klaus Sehneh	Top Ten Unsolved Encryption Mysteries	JR BRM
CS	11:00 am	Richard Brisson	2nd Day presentation	JR BRM
ALL	12 noon	Lunch		REG Tent
AWA	1:00 pm	Old Equipment Auction		C/D BRM
CS	1:00 pm	David Hatch NSA Historian	2nd Day Presentation	JR BRM
CS	2:00 pm	Jerry McCarthy	2nd Day Presentation	JR BRM
CS	3:00 pm	Dan Thomasson	Runic Codes	JR BRM
CS	4:00 pm	Jim Oram	Bletchley Park Video	JR BRM
CS	4:45 pm	Richard Brisson	2nd Day presentation	JR BRM
ALL	6:00 pm	Dinner		Degaulle Rm
ALL	7:00 pm-8:00 pm	Contest Room & Crypto Room open for viewing displays.		JR BRM
		The WBT Briarhoppers will be performing their Vintage WBT radio show with music.		

Saturday, March 24th

Subject to Change

GRP	TIME	SPEAKER	TOPIC	LOCATION
ALL	7:30 am	Breakfast		REG Tent
AWA	8:00 am	Flea Market Open All Morning		BPL
CS	9:00 am	Jerry McCarthy	Special Presentation	JR BRM
AWA	9:30 am	Last Call For Contest Entries		B BRM
AWA	10:00 am	Contest Judging		B BRM
CS	10:00 am	Dr. Nick Gessler	Crypto Topic	JR BRM
CS	11:00 am	Richard Brisson	3rd Day Presentation	JR BRM
AWA	11:30 am	"Radio Rescue" end of meet auction		Flea Market
ALL	1:00 pm	Lunch & Conference Wrap Up		A BRM
CS	1:00 pm- 2:00 pm	Go to Enigma Shop		Jim's Place

Important Notice

The Carolinas Chapter of the Antique Wireless Association, the Antique Wireless Association or any of it's officers or members are not responsible for any accident, injury, or loss that occurs while attending the CC-AWA's Annual Conference, "Antique Radio Charlotte" or any of it's functions.

New This Year ...



In an effort to encourage the flea market vendors to stay open on Saturday morning, we are going to have a special door prize just for flea market vendors. Any flea market vendor that is still set up and open for business at 12 noon on Saturday will be eligible to win **\$500 CASH**. Door prize tickets will be handed out at noon.

Old Equipment Contest

1. Pre-1912 Electrical devices, non radio
2. Pre-1920 receivers & transmitters and wire line telegraph items
3. 1920's era Broadcast receivers
 - a. Passive Detectors
 - b. 1 tube sets
 - c. 2 - 3 tube sets
 - d. 4 - 5 tubes sets
 - e. Sets with 6 or more tubes
4. 1930's - 40's - 50's era
 - a. Cathedrals & Tombstones
 - b. Consoles
 - c. Catalin & Bakelite
 - d. Television receivers
5. Transistor Radios
 - a. Large Multiband Portables
 - b. Early pocket sets
 - c. Novelties sets
6. Communications Equipment Rx & Tx
 - a. Pre WW2
 - b. Post WW2
7. Sound Reproducers, Cones & Horns
 - a. Horns
 - b. Cone Reproducer
8. Military Radio Equipment, any era



9. Test Equipment
10. Vacuum Tubes
11. Radio Literature, Books, Magazines & Advertising
12. New construction from old parts or replicas of vintage equipment.
13. Survivors-Completely original and unrestored sets any era, they may have been cleaned, but that's all.
14. Special "Display Only" category For those not interested in being judged. ANYTHING GOES HERE

NOTE: Sets that have previously won a first place ribbon at this meet are ineligible for judging in the "regular" contest, "Special" categories excluded.

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**Special Awards**  
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**Best of Show**  
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The Lew Elias Award

Best of Show will get \$100 plus an engraved plaque.

Best Restoration

with photos and documentation as backup

Best Restoration will receive \$50 and a Gold Ribbon.

Best Presentation

Best Presentation will receive \$50 and a Gold Ribbon.

Peoples Choice

**"Best in Contest" voted on by those
attending the conference**

Peoples Choice will receive \$50
and a Gold Ribbon.

Senior Class Award

"The Best of the Best"

Entries **MUST** include a **BLUE RIBBON**
won in a previous contest.

Senior Class 1

Pre 1930

Senior Class 2

Post 1930



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PLEASE PRINT

NAME: _____
ADDRESS: _____
CITY STATE ZIP: _____
PHONE : _____
EMAIL: _____
NAME: _____
ADDRESS: _____
CITY. STATE. ZIP: _____
PHONE: _____
EMAIL: _____

We must have the name and address of everyone (NOT FAMILY MEMBERS) that you are pre-registering. If you are registering more than two, please use separate sheet.

You DO NOT have to be a member of the AWA or the CC-AWA to attend the Conference. Pre-registrations MUST be postmarked no later than March 9th. Make checks payable to: CC-AWA

Mail To: CC-AWA 2012
c/o Chip McFalls
742 Southern High School Rd.
Graham, NC 27253

Important Information

If you plan to take part in any of the conference on Thursday or Friday you must register and pay the registration (admission) fee. Vendor space rental does NOT include the admission fee. If you plan to bid in the Friday auction you must register, your conference registration number is your auction bidder number.

We must have the name and full address of everyone that registers. Spouses and significant others are admitted free. Admission on Saturday is FREE and there is no need to fill out a registration form. This FREE admission is ONLY for Saturday.

Pre-registration must be post marked no later than March 9th!

Main Reason for attending the conference: CC-AWA Crypto Symposium

CONFERENCE FEES	PRE-REGISTRATION	AT THE DOOR	QUANTITY	SUB-TOTAL
Admission (spouses free)	\$15 each			\$ _____
Special Saturday Admission	Free	Free		_____ <u>FREE</u>
Vendor Space Rental *	\$30 for the first space	\$35		_____
	\$20—each additional space			\$ _____
* vendor space rental does NOT include admission fee				
Thursday Kick-Off Luncheon	\$15	N/A		\$ _____
Thursday Evening Soup & Sandwich Buffet	\$15	N/A		\$ _____
Friday Evening Banquet	\$25	N/A		\$ _____
Saturday Luncheon	\$15	N/a		\$ _____
Total:				\$ _____



We will make every effort to have the auction preview room open all day Thursday

RULES

The CC-AWA is not able to accept any payment via any form of credit card, debit card or other electronic transaction. It is at the sole discretion of the auction cashier whether to accept payment in any form other than cash in US dollars.

If you are not known by the cashier and wish to make payment by check or travelers checks, you must notify us in advance and receive acknowledgment that the cashier will accept your payment method.

NOTE OUR \$25 MINIMUM

1. Your item (or box lot) must have a reasonable expectation of bringing a closing bid greater than \$25 in order to consign to this auction.
2. CCAWA charges the seller a 10% commission to help to defray costs of this conference. There is no buyer premium.
3. You may set a minimum bid you will accept for your goods.
4. CCAWA makes no claims as to the ownership, authenticity or operating condition of any goods put up for sale. **WHAT YOU SEE IS WHAT YOU GET.**
5. You must be registered for this CCAWA annual conference in order to participate as a buyer or seller.
6. It is our intention to have volunteers on duty at all times that the auction preview room is unlocked. However; the hotel or the organizers of this conference will not be held liable for theft, loss or damages to property consigned for this auction.

Hotel Information

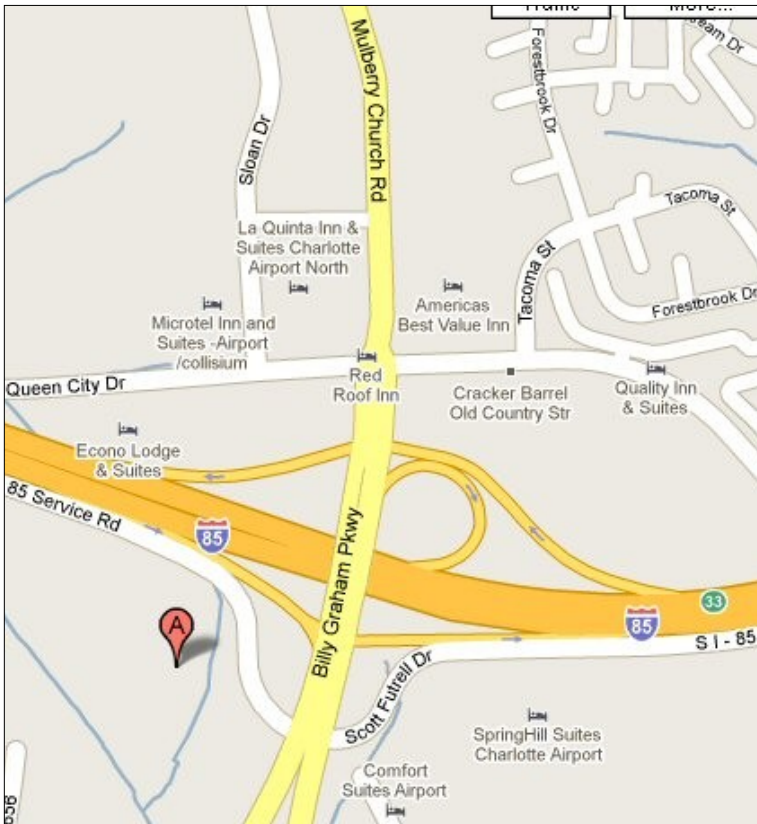
Dates: March 22-23-24, 2012

Hotel: Sheraton Charlotte Airport Hotel*
3315 Scott Futrell Drive
Charlotte North Carolina 28208
Phone: (704) 392-1200



* at the intersection of I-85 & the Billy Graham Parkway, Charlotte NC

To make a reservation, you just need to say "Antique Radio Charlotte" and you'll get the conference rate of \$89 per night, which is pretty good since the normal room rate there is \$199.



Map compliments of Google Maps: <http://maps.google.com>.