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26TH

BROADCASTERS CLINIC

1980

Wednesday and Thursday  
October 22-23, 1980

University of Wisconsin—Extension  
Communication Programs

*At The Wisconsin Center, 702 Langdon Street, Madison, Wisconsin*

## GENERAL INFORMATION

**FEE:** Both Days, \$55; Single Day, \$38; Wednesday Dinner, \$7.75. The registration fee includes all lectures, continental breakfasts, luncheons and hors d'oeuvres.

**CREDIT:** A total of 1.3 Continuing Education Units (CEU's) can be earned from UW-Extension by individuals participating in this program. These units are increasingly being accepted as evidence of educational attainment by professional associations.

**LODGING:** Please make your own arrangements with the hotel or motel of your choice. We suggest making your reservations as far in advance as possible since lodging in Madison is difficult during many periods of the year. If you make your reservation one week or less in advance of your program date, we advise that you do it by telephone and specify your time of arrival. The following hotels and motels are within walking distance of The Wisconsin Center.

**Edgewater Motor Hotel**, 666 Wisconsin Avenue at Lake Mendota, (608) 256-9071

**Howard Johnson's Motor Lodge**, 525 West Johnson Street, (Downtown/Campus), (608) 251-5511

**Madison Inn**, 601 Langdon Street (at Frances Street), (608) 257-4291

**Town/Campus Motel**, State Street at Frances Street, (608) 257-4881

**PARKING:** Visitor parking is extremely limited on campus. University lots marked "Paid Permit Parking Areas" are not available to participants. We recommend that you leave your car at your hotel and take public transportation to The Wisconsin Center.

**DEADLINE:** We urge you to send your registration fee prior to October 16. You may register at the time of the BROADCASTERS CLINIC, but we cannot guarantee lunch and dinner reservations with late reservations.

**FOR MORE INFORMATION:** Please contact Don Borchert, Vilas Communication Hall, UW-Extension, Madison, WI 53706 / (608) 263-2157

## REGISTRATION FORM

**BROADCASTERS CLINIC/October 22-23, 1980**  
81-T-35-2100/162

Social Security Number \_\_\_\_\_

*(Not mandatory—used only to ensure accessibility and accuracy of your educational record.)*

Name \_\_\_\_\_

Title \_\_\_\_\_ Organization \_\_\_\_\_  
*station call letters*

Work Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone (        ) \_\_\_\_\_ / (        ) \_\_\_\_\_  
*area code        business        area code        home*

Please indicate which sessions you plan to attend: Both days (fee \$55) [ ] / Wednesday only (fee \$38) [ ] / Thursday only (fee \$38) [ ] / Wednesday Dinner (Fee \$7.75) [ ].

**MAIL THIS FORM TO: BROADCASTERS CLINIC,**  
Registration, The Wisconsin Center, 702 Langdon Street,  
Madison, WI 53706.

For registration information call (608) 262-1122.

# BROADCASTERS CLINIC 1980 AGENDA

## OCTOBER 21

- 7:00 p.m. **EARLY BIRD RECEPTION**, The Wisconsin Center  
Preregistration: fun - cash bar - hors d'oeuvres

## OCTOBER 22

- 8:00 a.m. **REGISTRATION AND CONTINENTAL BREAKFAST**
- 9:15 **WELCOME**
- 9:30 **"Antennas and Radiation Problem:"**  
*John H. Battison*, Director of Engineering, Ohio State University
- 10:15 **"Antennas - Construction and Deterioration"**  
*D. R. Markley*, Consulting Engineer
- 11:00 **FEDERAL COMMUNICATIONS COMMISSION**  
*John Rieser*, Washington, D.C.;  
*George Sklom*, Chicago
- 12:00 noon **LUNCHEON**  
Speaker: *Sherwin Asrow*, S.P. Asrow Associates
- 2:00 p.m. **"Diplexing Colocated FM Transmitters"**  
*Thomas Silliman*, Electronics Research, Inc.
- 2:45 **"SCA Plus - Digital Data"**  
*Hans Bott*, McMartin Industries
- 3:30 **"FM - Proof of Performance Measurements"**  
*Robert Weirather*, Harris Corporation
- 4:15 **RECEPTION AND EQUIPMENT**
- 9:30 **EXHIBIT**
- 6:00 p.m. **DINNER** (optional)

## OCTOBER 23

- 8:00 a.m. **PANEL DISCUSSION**  
Panel: F.C.C. - *Rieser, Sklom*  
Consultants - *Battison, Evans, Johnson, Loupas, Markely*
- 9:30 a.m. **COFFEE BREAK**
- SPLIT SESSIONS**
- |            | <b>RADIO</b>  | <b>TELEVISION</b>                     |
|------------|---|---------------------------------------|
| 10:00      | <i>R. Evans</i> , Consultant  | <i>R. Paterno</i> , Spin Physics      |
| 10:40      | <i>B. Larson</i> , Nortronics   | <i>R. Neuhauser</i> , RCA Solid State |
| 11:20      | <i>J. Loupas</i> , Consultant   | <i>J. Sheikh</i> , AMPEX              |
| 12:00 noon | <b>LUNCHEON</b><br>Speaker: <i>Wallace Johnson</i> , Executive Director, Association for Broadcast Engineering Standards                        |                                       |
| 2:00 p.m.  | <b>"Digital Electronic Recording Systems"</b><br><i>C. Robert Thompson</i> , RCA  |                                       |
| 2:45       | <b>"Sub-Carrier and Horizontal Phase Relation and The Four Color Fields in the NTSC Television System"</b><br><i>Hans Schmid</i> , ABC New York |                                       |
| 3:30       | <b>"Engineering Microwave Systems"</b><br><i>Ernest Hickin</i> , Microwave Associates   |                                       |
| 4:15       | <b>"Magnetic Tape Design and Performance Considerations"</b><br><i>Del Eilers</i> , 3M Company  |                                       |

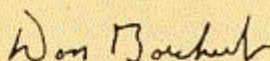
### TAX DEDUCTION FOR EDUCATIONAL EXPENSES

Treasury Regulation 1.162-5 permits an income tax deduction for educational expenses (registration fees, cost of travel, meals and lodging) undertaken to: (1) maintain or improve skills in one's employment or other trade or business, or (2) meet express requirements of an employer or a law imposed as a condition for retention of employment, job status or rate of compensation.

## HAVE YOU ATTENDED BROADCASTERS CLINIC?

If you haven't, I'm sure you have heard of Broadcasters Clinic . . . We are in our 26th year. It has become one of the most significant conferences for broadcast engineers held in the Midwest. Please examine our 1980 agenda carefully. I think you will find a most interesting array of current technical topics presented by nationally recognized speakers.

I encourage you to join the Broadcasters Clinic fraternity.



Don Borchert  
Director of Engineering  
WHA Radio and Television

