

# BROADCAST CLINIC ASTERS 1977

WEDNESDAY AND THURSDAY  
OCTOBER 19-20, 1977  
UNIVERSITY OF WISCONSIN—EXTENSION  
COMMUNICATION PROGRAMS

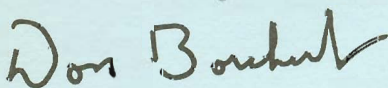
PHILO BUCK STUDIO (STUDIO 1)  
VILAS COMMUNICATION HALL  
821 UNIVERSITY AVENUE  
MADISON, WISCONSIN

This year we've assembled an outstanding program for broadcast engineers and people with related technical interests.

I'm happy to announce the participation again of F.C.C. engineers Dennis Williams and William Meintel. They'll be on hand to discuss **Broadcast Engineering Practices and Procedures** and answer your questions. We'll also have presentations by Harris Corporation, McMartin Industries, RCA, Ralph Evans Consultants, Central Dynamics Limited, CEI, CVS, Micro Consultants, PBS, Tektronix, RCA Electro-Optical Devices, and Sony Corporation.

*Among the many significant papers being presented at this year's conference will be one by R. Evans Wetmore concerning DATE: A Digital Audio System. You may want to review a paper he has published on this subject in the SMPTE Journal, Vol. 83, No. 3, prior to the conference.*

BROADCASTERS CLINIC 1977 offers a rare opportunity to meet with our industry's technical leaders and keep pace with developments in broadcast engineering. I look forward to seeing you in Madison on October 19-20 and encourage you to tell your colleagues and friends about this opportunity to meet with fellow broadcast engineers from the midwest.



Don Borchert, P.E.  
Director of Engineering  
WHA Radio and Television

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## REGISTRATION FORM BROADCASTERS CLINIC

Name \_\_\_\_\_

Street \_\_\_\_\_

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

Phone \_\_\_\_\_

*Business*

\_\_\_\_\_  
*Home*

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

*Not mandatory—used only to insure accessibility and accuracy of your educational record.*

Please mail this form and your registration fee, payable to University of Wisconsin—Extension, to Madison Registration Office, 101 Extension Building, 432 North Lake Street, Madison, WI 53706.



## BROADCASTERS CLINIC 1977

### AGENDA

#### OCTOBER 19 (8:15 a.m. to 9:00 p.m.)

- 8:15 **REGISTRATION/Coffee and Rolls**  
Philo Buck Studio (Studio I)  
Vilas Communication Hall
- 9:30 **WELCOME**  
*Luke F. Lamb*, Dean, Educational Communications, University of Wisconsin—Extension
- 10:00 **FEDERAL COMMUNICATIONS COMMISSION**  
*Dennis L. Williams*, Washington, D.C.  
*William Meintel*, Chicago, Illinois
- 12:00 **LUNCHEON**  
Speaker: *Thomas E. Bolger*, President Forward Television and Vice Chairman NAB Television Board
- 1:45 **A MAXIMUM SIGNAL FM EXCITER WITH DSM AND DTR**  
*Harris Corporation*
- 2:30 **A PRECISE TRACKING DECODER FOR COMPOSITE FM SIGNALS**  
*Leonard Hedlund*, Vice President Research, McMartin Industries
- 3:00 **A 5 KW SOLID STATE AM TRANSMITTER**  
*R. McCallister*, RCA
- 3:30 **RADIO AND TELEVISION EVOLUTION - THE ADAPTATION OF TODAY'S FACILITIES TO TOMORROW'S TECHNOLOGY**  
*Ralph E. Evans III*, Consulting Engineer, Milwaukee
- 4:30 **RECEPTION - EQUIPMENT DISPLAY**  
The Wisconsin Center
- 6:00 **DINNER - BROADCAST ENGINEERING '88**  
The Wisconsin Center  
Speaker: *Howard Shepard*, Vice President Advance Engineering Planning, Central Dynamics Limited

#### OCTOBER 20 (8:30 a.m. to 4:00 p.m.)

- 8:30 **MODULATED CONTROLS FOR COLOR CAMERA REGISTRATION**  
*R. Huseman*, Product Manager, CEI, Inc.
- 9:00 **TIME BASE CORRECTION DESIGN CRITERIA**  
*Bill Miller*, Project Engineer, Consolidated Video Systems
- 9:30 **SYNCHRONIZING AND PRODUCTION EFFECTS**  
*Brian Mattley*, Vice President Micro Consultants, Inc.
- 10:15 **COFFEE BREAK**
- 10:30 **MAXIMUM COLOR PERFORMANCE WITH TSB**  
*Harris Corporation*
- 11:15 **CIRCULAR POLARIZATION**  
*R. Winn*, Engineering Leader, RCA
- 12:00 **LUNCHEON - DIGITAL AUDIO FOR TELEVISION**  
Speaker: *R. Evans Wetmore*
- 2:15 **DEMODULATOR DESIGN - ANSWER II - MICRO PROCESSOR LAB**  
*R. Seaberg* and *John R. Adam*, Tektronix, Inc.
- 3:00 **SATICONS FOR COLOR CAMERA APPLICATIONS**  
*Charles Newcomer*, RCA - Lancaster
- 3:30 **A NEW 1-INCH HELICAL VIDEO TAPE RECORDER**  
*David MacDonald*, General Manager, Sony
- 4:00 **CONCLUSION**



## GENERAL INFORMATION

**FEE:** Both days, \$45; single day, \$30.

The registration fee includes all lectures, coffee breaks, luncheons and hor d'oeuvres as well as dinner on October 19.

**CREDIT:** A total of 1.3 Continuing Education Units (CEUs) 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 reservation 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 Vilas Communication Hall.

**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) 257-4391.

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

**Wisconsin Center Guest House**, 601 Langdon Street (at Frances Street), (608) 256-2621.

**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 Vilas Communication Hall.

**DEADLINE:** We urge you to send your registration fee prior to **October 12**. You may register at the time of the **BROADCASTERS CLINIC**, but we cannot guarantee lunch and dinner reservations with late registrations.

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