

The University of Wisconsin
proudly presents the 38th Annual

BROADCASTERS CLINIC

November 10-12, 1992
Holiday Inn Southeast
Madison, Wisconsin



Supported in part by
Radio World and TV Technology

REGISTRATION FORM**BROADCASTERS CLINIC 1992** (0276) W

November 10-12, 1992

I will attend: (Please check)

 Tuesday Wednesday Thursday

Fees: \$115 (Any two days) \$150 (All three days)

Amount enclosed: \$ _____

Soc. Sec. No.: _____

Not mandatory—used to ensure accessibility and accuracy of your educational record.

Name: _____

Title: _____

Organization/station: _____

Business address: _____

street

city/state/zip

Phone: (_____) _____

area code

daytime number/evening number

Mail this form and your check made payable to
UW-Madison, to:Registrations, Wisconsin Center
702 Langdon Street
Madison, WI 53706To register by phone, please call 608/262-2451 or
FAX to 608/262-8516.Voluntary information collected to enhance the program-
ming efforts of University of Wisconsin-Madison.SEX: female male

BIRTHDATE: ____ Month ____ Day ____ Year

HERITAGE: American Indian Asian Black
 Hispanic White or Other

OCCUPATIONAL AREA

 100 Professional, technical and managerial occupations 700 Other occupationsPlease advise us at time of registration if you are handi-
capped and desire special accommodations. Requests are
kept confidential.UW-Madison provides equal opportunities in employment
and programming including Title IX requirements.**BROADCASTERS CLINIC 1992**AND MORE ... really means you can expect
additions to the program agenda described in this
brochure. As technology continues to move forward,
the program committee and I continue to search for
significant presentations in current and new technol-
ogy. I hope you will be with us at BROADCASTERS
CLINIC 1992 ... **PROTECT YOUR FUTURE!****TUESDAY, NOVEMBER 10**

7:45 Registration and Continental Breakfast

9:00 **Broadcast Engineering Sessions**

Safety at the Transmitting Site

*Donald L. Markley, DL Markely & Associates,
Peoria, IL*

Werl's World of Broadcast Engineering

*George Werl, Jr., Commsulting, Inc.
St. Paul, MN*Stereo Audio Magneto Optical Mini Disc
with CD Quality*Sony Business & Professional Products
Itasca, IL*

Noon Luncheon

2:00 True Digital RF Transmission for Aural STL
Applications*Tom Daily, Dolby Laboratories, San Francisco*Contract Engineering: Questions and
Answers for the Contractor and EmployerPanel: *Mark Persons (Chair)**M. W. Persons & Associates**Brainerd, MN**Jim Zastrow, Zastrow Technical
Services, Schofield, WI**Steve Brown, Chief Engineer,
WHBY/WAPL Radio, Appleton, WI***AND MORE ...**4:00 **Equipment Exhibits Open**
Reception and Cash Bar

7:00 Society of Broadcast Engineers Meeting

8:00 **Engineering Forum**
Moderators: Gary Mach and Ken Dixon

WEDNESDAY, NOVEMBER 11

7:45 Registration and Continental Breakfast

8:30 **Broadcast Engineering Sessions**

New Products to Solve Old Problems with
Transmission Line Pressure
Scott Schuette, GSW Supply, Appleton, WI
James Jouron, Fairchild Industrial Products

Audio Processing in the Analog and
Digital Domain
Bill Ammons, CRL Systems, Tempe, AZ

10:30 **Equipment Exhibits Open**

Noon Luncheon (on your own)

2:30 Microphones: A Technical Review and
Application Techniques
Todd Boettcher, WTMJ Inc., Milwaukee

Audio Processing—System Engineering
Greg Buchwald, Motorola, Schaumburg, IL

AM Class E Modulation in Solid-state
Transmitters
Bill Harland, Broadcast Electronics
Quincy, IL

In Band Digital Transmission Systems for
AM and FM Broadcast
Jeff Andrew, WGCI Gannet Radio, Chicago
ACORN, Los Angeles

AND MORE ...

5:00 Reception and Cash Bar

7:30 **Pizza-Engineering Forum and**
“Ask the FCC”
Moderators: Doug McDonnell and Ken Dixon

THURSDAY, NOVEMBER 12

7:45 Coffee

8:30 **Broadcast Engineering Sessions**

Analog Optical Recording Systems for Video
Applications
Lou Skriba, Sony Corporation of America

History of Transmitter (UHF) Efficiencies
Martyn Horspool, Harris Corporation
Quincy, IL

Evolving Digital Tape Recording Technology
Dennis Cogan, Sony Broadcast

Considerations for the High Power
Amplification of the Digital HDTV Signal
Nat Ostroff, President
Comark Communications, Colmar, PA

Noon Luncheon

D5 ... The Logical Digital Component
Extension of D3
Phil Livingston, Panasonic Broadcast Systems
Secaucus, NJ

A Revolution in Television Camera
Measurement Techniques
Mel Infanzon, Tektronix, Inc.
Beaverton, OR

AND MORE ...

???? Adjournment . . . see you next year!

GENERAL INFORMATION

DATES

Tuesday through Thursday, November 10-12, 1992

LOCATION

All sessions of the **Broadcasters Clinic 1992** are held at the Holiday Inn Southeast, Highway 12 and 18 at I-90, Madison, Wisconsin 53704. Phone 608/222-9121.

FEE

\$115 - Any two days

\$150 - All three days

Fee covers program materials, continental breakfasts and luncheons as indicated, refreshment breaks, the Pizza-Engineering forum, and two evening receptions with hot hors d'oeuvres (cash bar).

You are entitled to an 80% refund if cancellations are received prior to November 2, 1992. Enrollees who do not cancel are obligated for the full fee. Substitutions may be made at any time.

ACCOMMODATIONS

Please make your own room reservations with the Holiday Inn Southeast, Highway 12 and 18 at I-90, Madison, Wisconsin 53704. Phone 608/222-9121. We suggest that you make your reservations before October 23, 1992, while discounted rooms are being held for the seminar. Please specify that you are attending the **Broadcasters Clinic 1992**.

CREDIT

Conference enrollees can earn up to 2.1 Continuing Education Units (CEUs) from the University of Wisconsin.

INFORMATION

For further conference or exhibitor information, contact Don Borchert, WHA Radio and Television, 821 University Avenue, Madison, Wisconsin 53706. Phone 608/263-2157.

This program is offered through a partnership between UW-Madison and UW-Extension.

1992 PROGRAM COMMITTEE

Don Borchert, University of Wisconsin-Madison

John Bimrose, Capitol Broadcasting, Raleigh, NC

Ken Dixon, WHA Television, Madison, WI

John Freberg, WXRT Radio, Chicago, IL

Vern Killion, KRVN, Lexington, NE

Wil Koeller, WTMJ, Inc., Milwaukee, WI

Gary Mach, University of Wisconsin-Green Bay

Doug McDonell, Broadcast Consultant, Madison, WI

Among the many exhibitors at the BROADCASTERS CLINIC 1992 will be the following:

A & D CART REBUILDINGS
ADC TELECOMMUNICATIONS
AMPEX TAPE CORPORATION
ANDREW CORPORATION
AUDIO PRECISION, INC.
AUDISK-MACROMEDIA
BROADCAST COMMUNICATIONS
BROADCAST ELECTRONICS
BROADCASTERS GENERAL STORE
BTS-BROADCAST TELEVISION SYSTEMS
COMARK COMMUNICATIONS
CONTINENTAL ELECTRONICS
DORROUGH ELECTRONICS
DYNATECH COLORGRAPHICS
ELECTRONIC INDUSTRIES, INC.
EMMONS ASSOCIATES, INC.
FUJI PHOTO FILM, INC.
FULL COMPASS SYSTEMS
GEPKO INTERNATIONAL, INC.
GORMAN-REDLICH MFG. CO.
HY JAMES, INC.
LDL COMMUNICATIONS
M.W. PERSONS & ASSOCIATES
MICROWAVE RADIO CORPORATION
PANASONIC BROADCAST SYSTEMS
PHILIPS COMPONENTS
RADIATION SYSTEMS/MARK ANTENNA DIVISION
RE INSTRUMENTS
RMP/MC BRIDE CORPORATION
ROSCOR WISCONSIN
SHIVELY LABORATORIES
SKYLINE COMMUNICATIONS LTD.
SOCIETY OF BROADCAST ENGINEERS
SONY CORPORATION OF AMERICA
SOUND TECHNOLOGY
TEKTRONIX, INC.
3M COMPANY
TODD COMMUNICATIONS
VIDEO IMAGES, INC.

— AND MORE —