The University of Wisconsin proudly presents the 39th Annual

BROADCASTERS CLINIC

and

Upper Midwest Regional SOCIETY OF BROADCAST ENGINEERS MEETING

November 9-11, 1993
Holliday Inn Southeast
Madison, Wisconsin

Supported in part by Radio World and TV Technology
REGISTRATION FORM
BROADCASTERS CLINIC 1993 (0276) W
November 9-11, 1993

I will attend: (Please check)
☐ Tuesday  ☐ Wednesday  ☐ Thursday

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

Name:

Title:

Organization/station:

Business address:

street

city/state/zip

Phone: ( )

area code  daytime number/ evening number

Soc. Sec. No.:
Not mandatory—used to enhance accessibility and accuracy of your educational record.

Mail this form and your check made payable to UW-Madison, to:
Registrations, Wisconsin Center
702 Langdon Street
Madison, WI 53706

To register by phone, please call 608/262-2451 or
FAX to 608/262-8516.

Voluntary information collected to enhance the
programming efforts of University of Wisconsin.

☐ Female  ☐ Male

BIRTHDATE:  Month  Day  Year

HERITAGE:  ☐ American Indian/Alaskan Native
☐ Asian/Pacific Islander  ☐ African American
☐ Hispanic/Latino  ☐ White or Other

OCCUPATIONAL AREA
☐ 100 Professional, technical and managerial occupations
☐ 700 Other occupations

If you have a physical disability and desire special accommodations, please advise us when you register. Requests are confidential.

UW-Madison provides equal opportunities in employment and programming including Title IX requirements.

BROADCASTERS CLINIC 1993
An exciting new era ... Broadcasters Clinic welcomes its association with the Society of Broadcast Engineers in the common goal of continuing education for the Broadcast Engineer.

TUESDAY, NOVEMBER 9

7:45  Registration and Continental Breakfast

9:00  Broadcast Engineering Sessions
Digital Editing Systems for Radio & Television Productions
David Goldberg, KORG-New York
Advancements in Radio Technology
Greg Buchwald, Motorola
Schaumberg, IL
Optical Mini-Disc Update
Gareth Nelson
Sony Professional Products, Hasca, IL

Noon  Luncheon
Management's Perception of the Engineer: An Asset or an Anchor?
John Commuta, President
Market-line, Downers Grove, IL

2:00  Digital Audio via V-SAT
Jeff Andrew,
Gannett Radio, Chicago
Digital Audio Bit Reduction Systems in Tandem: Is there anything left after you throw away all those bits?
Herb Squire, Chief Engineer
WQEW & WQXR, New York

DAB Developments
Dave Obergornen, Chief Engineer
KUSA & KSD-FM, St. Louis

5:00  Equipment Exhibits Open
—More than 35 of the top vendors in our industry—
Reception and Cash Bar

8:00  Evening Engineering Forum
Moderator:
Don "A Knight in the Doghouse" Markley
WEDNESDAY, NOVEMBER 10

7:45  Registration and Continental Breakfast

8:30  Broadcast Engineering Sessions

Managing Your Consultant—Creative role-playing, with—
George Werl, Jr., Consulting, Inc., St. Paul

Stephen Brown, Chief Engineer
WLTE-FM, Minneapolis

The Last Mile: Digits to Dial-tone
Mark Durenberger, Engineering Manager
Teleport Minnesota, Minneapolis

10:00  Equipment Exhibits Open

Noon  Luncheon (on your own)

1:30  TDR—FDR—Line Pulsing—Sweeping
What is it? What do I need?
James M. Crooks, President
Broadcast Communications, New Glarus, WI

Transient Voltage Surge Supression:
Fact or Fiction?
Jim Harrison, Vice President
Control Concepts—Liebert International Television

D-HDTV Antenna Considerations &
R F Radiation: A Discussion
John F.X. Browne, Telecommunications Consultant
Bloomfield Hills, MI

Tower Regulations & Procedures—Panel discussion—
Scott Nordine, P.E.
Pederson Associates

Richard Wood, President
Skyline Communications

Michael Val Dovinos, P.E.
Dep’t of Industry, Labor & Human Relations

Computer Applications for Broadcast—Demonstration—
Mark Persons, President
M.W. Persons & Assoc., Brainerd, MN

7:00  Teleconference Meeting:
Upper Midwest Regional
Society of Broadcast Engineers—Up-link begins at 7:30—

THURSDAY, NOVEMBER 11

7:45  Continental Breakfast

8:30  Broadcast Engineering Sessions

Optimizing Transmitter Designs for
D-HDTV Transmission
Nat Ostroff, President
Comark, Colmar, PA

Advanced Television Systems
Richard Strauss, Sony Corp. of America

3db Hybrid Directional Couplers
Dana Myers,
Harris-Allied Broadcast, Quincy, IL

D-HDTV Transmission Systems
Mitchell Montgomery
Harris-Allied Broadcast

10:45  Compression Discussion:
Pressure for Compression
Les Brown, Grass Valley Group

DCT Systems ... The Future
Michael J. Swayne, Ampex Corporation

The 3Cs of Transmission:
Component—Composite—Compression
Phil Livingston, Panasonic

Uplinking—Analog to Digital
Phil Mikalofsky, Chief Engineer
ECB Satellite Systems

????  Adjournment... see you next year
GENERAL INFORMATION

DATES
Tuesday through Thursday, November 9-11, 1993

LOCATION
All sessions of the Broadcasters Clinic 1993 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, and an evening reception with hot hors d'oeuvres (cash bar).

You are entitled to an 80% refund if cancellations are received prior to November 1, 1993. 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 22, 1993, while discounted rooms are being held for the seminar. Please specify that you are attending the Broadcasters Clinic 1993.

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, 1955 Oakland Ave., Sun Prairie, Wisconsin 53590. Phone 608/837-3462.

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

Society of Broadcast Engineers Upper Midwest Regional Conference Presents

ALL-CHAPTER NATIONAL TELECONFERENCE

Wednesday, November 10, 1993
7:30 P.M.

Featured Panelists include:
SBE National President
SBE National Vice-President
SBE Exec. Director—John Poray
SBE Counsel—Chris Imlay

SBE members nationwide are invited to tune in via satellite. Members will have the opportunity to phone in their questions and concerns to the featured panelists.