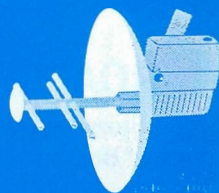


# BROADCASTERS CLINIC



*and*  
**UPPER MIDWEST REGIONAL  
SOCIETY OF BROADCAST  
ENGINEERS MEETING**

**October 19-21, 1999**  
**Marriott West**  
**Madison, Wisconsin**

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## BROADCASTERS CLINIC 1999

Broadcasters Clinic Welcomes the Officers and Board of Directors of the National Society of Broadcast Engineers to our Conference.

### TUESDAY, OCTOBER 19

7:45 a.m. Registration and Continental Breakfast

9:15 **ISDN: Survival For Broadcast Engineers**

*Bob Raasch*

Soliton Inc., West Bend, WI

10:00 **Evaluation of the IBOC System**

*Andy Laird*

Journal Broadcasting Group, Milwaukee, WI

10:45 Break

11:00 **Interference: The Impact of FCC Proposals to Reduce Protections to Third Adjacents**

*Doug Vernier*

Telecommunication Consultants, Cedar Fall, IA

Noon **Lunch**

**Chris Imlay, SBE General Counsel, Washington, DC**

2:00 **The Digital Router: Heart of the Digital Audio Facility**

*Paul Anderson*

Logitek, Houston, TX

2:45 **MP-3 and Linux for Audio Storage and Automation**

*Jim Hammond*

Scott Studios, Dallas, TX

3:30 Break

3:45 **A New Solid State 10KW FM Transmitter**

*Walt Rice*

Broadcast Electronics, Quincy, IL

4:30 **EQUIPMENT EXHIBITS OPEN** (Everybody is welcome)

6:00 **SBE BOARD OF DIRECTORS' MEETING** (Open to Members)

7:30 **Evening Session . . . Off the Record with Don Markley**

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## WEDNESDAY, OCTOBER 20

- 7:45 a.m. Registration and Continental Breakfast
- 8:30 **N-1 UHF Interference**  
*Donald L. Markley*  
DL Markley & Associates, Peoria, IL
- 9:15 **Processing For Clean AM-FM and Television Audio**  
*Frank Foti*  
Cutting Edge Technologies, Cleveland, OH
- 10:00 **EQUIPMENT EXHIBITS OPEN** (Everybody welcome)
- 1:30 p.m. **Enhanced Performance Cabling Solutions**  
*Steve Lampen*  
Belden Wire & Cable Co., Richmond, IN
- 2:15 **Impedance Matching Using Coax Connectors**  
*Mark Borton*  
Trompeter Electronics, Westlake Village, CA
- 3:00 Break
- 3:15 **Implementation of Real Time Adaptive Equalization in DTV Exciters**  
*Robert Plonka*  
Harris Broadcast Systems, Quincy, IL
- 4:00 Society of Broadcast Engineers Annual Membership Meeting
- 5:30 Awards Dinner Reception
- 6:15 SBE National Awards Dinner . . . Open to everybody!  
Note: (for dinner reservations please contact Linda at the National SBE office  
Phone (317) 253-1640)
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## THURSDAY, OCTOBER 21

7:45 a.m. Continental Breakfast

8:30 **A Report On DTV Field Testing Results and Methodology**

*Gary Sgrignoli*

Zenith Corporation, Chicago, IL

9:15 **Video Transport Considerations Outside The Digital Studio**

*Mark Podesla*

ADC Broadcast Communications, Meriden, CT

10:00 Break

10:15 **Post RF Depression - Transition to DTV**

*Glen Sakata*

Faroudja Picture Plus, Sunnyvale, CA

11:00 **DVC Pro Operating In Multiple Signal Formats**

*Phil Livingston*

Panasonic Broadcast, Secaucus, NJ

Noon Luncheon

1:15 p.m. **Interconnection In the MPEG World SDTI Content Package**

*Craig Beardsley*

Sony Electronics, Park Ridge, NJ

2:00 **HDTV STL Systems Update**

*David O. Thomas*

Nucomm Microwave, Hackensack, NJ

2:45 **Test Results of COFDM In The Eng Environment**

*David W. Ayotte*

Broadcast Microwave Services, San Diego, CA

4:00 Adjournment . . . THANKS AND SEE YOU NEXT YEAR!

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## REGISTRATION FORM BROADCASTERS CLINIC 1999

October 19-21, 1999

I will attend: (Please check)

☐ Tuesday    ☐ Wednesday    ☐ Thursday

Fees: \$155 (Any two days) \$180 (All three days)

Amount enclosed: \$

Name:

Organization/Station:

Business Address:

street

city/state/zip

Phone: (      )

area code

daytime number/evening number

Social Security No.:

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

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Mail this form and your check made payable to Broadcasters Clinic:

**Don Borchert**  
**1955 Oakland Avenue**  
**Sun Prairie, WI 53590**

To register by phone,  
please call 608-255-2600 or fax to 608-256-3986.

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## 1999 PROGRAM COMMITTEE

**Don Borchert**, Madison, WI

**Terry Baun**, Criterion Broadcast Services, Milwaukee, WI

**Craig Bluschke**, UW Engineering

**Mark Burg**, WLAX-TV, La Crosse, WI

**Chris Cain**, Madison, WI

**Leonard Charles**, WISC-TV, Madison, WI

**Ken Dixon**, WHA Television, Madison, WI

**Cliff Groth**, Marathon Media, Fort Atkinson, WI

**Jim Hermanson**, WISC-TV, Madison, WI

**Vern Killion**, KRVN Radio, Lexington, NE

**Wil Koeller**, WTMJ, Inc., Milwaukee, WI

**Gary Mach**, University of Wisconsin, Green Bay, WI

**Kevin Ruppert**, WISC-TV, Madison, WI

**Art Williams**, WBAY-TV, Green Bay, WI

## EXHIBITORS

**Among the many exhibitors at the BROADCASTERS CLINIC 1999 are:**

Acrodyne

Adaptive Broadband

ADC Telecommunications

Alcatel

Andrew Corporation

Audio Broadcast Group

BCS Wireless, Inc.

Belden Wire Cable

Benson Technical Works

Broadcast Electronics, Inc.

Broadcast Microwave Services

Broadcast Supply

Broadcasters General Store

Camera Corner

Chyron Corporation

Clark Wire & Cable

Comark

Comsat RSI

Continental Electronics

Crown Broadcast

Dielectric Communications

Discreet Logic USA

Dorrough Electronics

ERI-Electronics Research

Evertz

Faroudja Laboratories

Force Incorporated

Fuji USA

Full Compass

Gepco International, Inc.

Gorman Redlich Mfg. Co.

Harris Broadcast

Heartland Video Systems

Hewlett Packard Co.

Ikegami Electronics

Innovative Power, Inc.

Intraplex, Inc.

Kintronic Labs, Inc.

LeBlanc Broadcast, Inc.

Leitch

Litton Systems, Inc.

Louth Automation

Microwave Radio Communications

Mohawk Sales

Mohawk, CDT

Norlight Teleport Chicago

NS Microwave

Nucomm

NVision

Odetics Broadcast

Panasonic Broadcast

Philips Broadcast TV

Ram Broadcast Systems

Raytheon/Switchcraft

Richardson Electronics

Rohn Industries, Inc.

Roscor Corporation

Ross Video

Shively Labs

Skyline Communications

Sonic Foundry

Sony Electronics, Inc.

Spencer Technologies

Tech Electric Company

Tektronix

Thomcast Communications

Trompeter Electronics

Tron Tek

Utah Scientific

V-Soft

Video Images, Inc.

Weather Central, Inc.

Zack Electronics

And More . . .

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# GENERAL INFORMATION

## DATES

Tuesday through Thursday, October 19-21, 1999

## LOCATION

All sessions of the Broadcasters Clinic 1999 are held at the Marriott-West, Madison, Wisconsin.

## FEE

\$155 - Any two days

\$180 - 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 October 2, 1999. 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 Marriott-West. The hotel telephone number is 608-831-2000. We suggest that you make your reservations before September 18, 1999, while discounted rooms are being held for the seminar. Please specify that you are attending the **Broadcasters Clinic 1999**.

## CREDIT

Continuing Education Units (CEU's) provided by University of Wisconsin Engineering Professional Development.

## INFORMATION

For further conference or exhibitor information, contact Don Borchert, 1955 Oakland Avenue, Sun Prairie, Wisconsin 53590. Phone 608-837-3462.

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