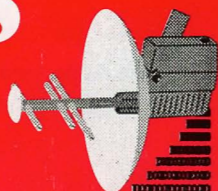


BROADCASTERS CLINIC

UPPER MIDWEST REGIONAL SOCIETY OF BROADCAST ENGINEERS MEETING

Marriott West

Madison, Wisconsin



BROADCASTERS CLINIC 2001

We are impressed with the quality of the 2001 Broadcast Clinic Program. There are new technologies, production information, and practical applications you can take home.

— The Program Planning Group

TUESDAY, OCTOBER 9

7:45 a.m. Registration and Continental Breakfast

9:15 **All Digital Studios**

Jim Armstrong

Klotz Digital America Inc., Norcross, Georgia

10:00 **The State of IBOC**

Jeff Detweiler

Ibiquity Digital, Columbia, Maryland

10:45 Break

11:00 **What's Happening Now? - Summary of FCC rule changes with the technical demos using propagation prediction software.**

Doug Vernier

V-soft, Cedar Falls, Iowa

Noon **Luncheon**

2:00 p.m. **Audio Processing for DAB**

Frank Foti

Omnia/Telos Systems

2:45 **Integrating Studio and Office Systems Through Linux**

Jay Mielke

Bliss Communications, Janesville, Wisconsin

3:30 Break

3:45 **The IBOC-FM Injection Filtering System**

Robert Surette

Shively Labs, Bridgton, Maine

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

7:30 **History of Cabling**

Steve Lampen

Belden Electronics, Richmond, Indiana

WEDNESDAY, OCTOBER 10

- 7:45 a.m. Registration and Continental Breakfast
- 8:30 **Wide Area UPS**
Buzz Menz
CDP/Liebert
- 9:15 **Proper Maintenance Of Your Antenna Systems . . . AM/FM/TV**
Jeremy Ruck
D.L. Markley & Associates, Peoria, Illinois
- 10:00 **EQUIPMENT EXHIBITS OPEN** (Lunch is available in Exhibit Hall)
- 1:30 p.m. **New Technologies in Coaxial Cable Design**
Steve Lampen
Belden Electronics, Richmond, Indiana
- 2:15 **Grounding Presentation**
Chuck Forster
Phasor Labs, Oregon, Wisconsin
- 3:00 Break
- 3:15 **DTV Update**
John F.X. Browne, P.E.
Browne and Associates, Bloomfield, Michigan
- 4:00 **Quantum Enabling Technologies**
Mark Aitken
Acrodyne, Sinclair Broadcast Group, Hunt Valley, Maryland
- 6:00 RECEPTION
- 7:00 Upper Midwest Regional Society of Broadcast Engineers Meeting
-

THURSDAY, OCTOBER 11

7:45 a.m. Continental Breakfast

8:30 **Structural and Design Considerations of a Triple Antenna Stack**

Joe Zuba

Dielectric Communications, Raymond, Maine

9:15 **The Trinity™ Filter Impletement for N+1/N-1 Channel Combining Applications**

Dan Fallon

Andrew Corporation

10:00 Break

10:15 **A Look Back on 100 DTV Stations; What Lessons Have Been Learned**

Dave Sparano

Harris Broadcast

11:00 **8-VSB Field Testing & Receiver Update**

Gary Sgrignoli

Zenith

Noon **Luncheon**

1:15 p.m. **Asset Management**

Craig Beardsley

Sony Broadcast, Park Ridge, New Jersey

2:00 **Water Marking and Lip Sync Applications**

Bill Cohen

Tektronix

2:45 **Understanding Adaptive Equalization for Digital Television Transmitters**

Richard Schwartz

ADC Broadcast Systems, McMurray, Pennsylvania

3:30 **Liquid Cooled Solid State Transmitters for Television Broadcasting**

Steven Kalis

Thomcast Communications, Southwick, Maryland

4:30 Adjournment . . . THANKS AND SEE YOU NEXT YEAR!

REGISTRATION FORM BROADCASTERS CLINIC 2001

October 9-11, 2001

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.

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.

2001 PROGRAM COMMITTEE

Don Borchert, Madison, WI

Terry Baun, Criterion Broadcast Services, Milwaukee, WI

Craig Bluschke, UW Engineering

Mark Burg, WLAX-TV, La Crosse, WI

Leonard Charles, WISC-TV, Madison, WI

Ken Dixon, 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, 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 2001 are:

Acrodyne	Fuji USA	QEI
Adaptive Broadband	Full Compass	Ram Broadcast Systems
Alcatel	Gepco International, Inc.	RF Technology
Andrew Corporation	Gorman Redlich Mfg. Co.	Raytheon/Switchcraft
APHEX	Harris Broadcast	Richardson Electronics
Armstrong	Heartland Video Systems	Roscor Corporation
BCS Wireless, Inc.	Hewlett Packard Co.	Ross Video
Belden Wire Cable	Ikegami Electronics	Scott Studios
Broadcast Electronics, Inc.	Intraplex, Inc.	Serial Scene
Broadcast Microwave Services	Joseph Electronics	Shively Labs
Broadcast Supply	Kintronic Labs, Inc.	Sony Electronics, Inc.
Broadcasters General Store	Leader	Spencer Technologies
Canon	LeBlanc Broadcast, Inc.	Technologies for Communication
Chyron Corporation	Leitch	Tektronix
Clark Wire & Cable	Link	Teranex
Comsat RSI	Litton Systems, Inc.	Thales Components
Continental Electronics	Loral Skynet	Thomcast Communications
Corplex	Media First	Trompeter Electronics
Crown Broadcast	Microwave Radio Communications	Tron Tek
Custom Business Systems	Midwest Sales	Utah Scientific
Data Media	Mohawk, CDT	V-Soft
Dielectric Communications	Norlight Teleport Chicago	Video Images, Inc.
Discreet Logic USA	NS Microwave	Wave Communications
Dorrough Electronics	Nucomm	Weather Central, Inc.
ERI-Electronics Research	NVision	WESCAM
Evertz	Odetics Broadcast	Wick Best
Faroudja Laboratories	Panasonic Broadcast	
Force Incorporated	Philips Broadcast TV	And More . . .

GENERAL INFORMATION

DATES

Tuesday through Thursday, October 9-11, 2001

LOCATION

All sessions of the Broadcasters Clinic 2001 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 September 28, 2001. 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 7, 2001, while discounted rooms are being held for the seminar. Please specify that you are attending the **Broadcasters Clinic 2001**.

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.
