2010 NAB Show – Take in the exhibits, sessions and SBE Membership Meeting

Schedule of SBE Booth, Events and Meetings during 2010 NAB Show

This month, the annual NAB Show in Las Vegas will attract thousands of electronic media professionals from around the world to view the latest technology, attend informative educational sessions and enjoy meeting up with old friends in the business.

The SBE is once again NAB’s production partner for the NAB Broadcast Engineering Conference (BEC), which runs from Saturday, April 10 through Thursday, April 15. SBE will also have a full schedule of meetings and events during the week and will have a busy exhibit booth with hours beginning Sunday afternoon and then daily through Thursday.

South Hall at the Las Vegas Convention Center during the 2009 NAB Show. The SBE Booth is located on the second floor concourse of the Center South Hall, Lobby Booth 29.

See NAB on page 13

House Companion Resolution Introduced to S.2881

On March 10, Representative Jerry McNerney (D) of California introduced HR.4809, a companion resolution in the U.S. House of Representatives to Senate Bill 2881, the “FCC Commissioners Technical Resource Act”; which would authorize an engineering staff position for each of the five FCC commissioners. With a House bill now introduced, the legislation will hopefully move through the committee process in both chambers of Congress.

McNerney’s introduction of the bill comes after representatives of the Society of Broadcast Engineers met with his Washington staff on March 3. SBE’s Government Relations Chair-
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Continuing the Digital Transition
— Ennes Workshop at NAB Show

by Fred Baumgartner, CPBE, CBNT
Ennes Workshop Organizer and Ennes Trustee

For fifteen years, the Ennes engineering-centric tutorials have been a staple of the NAB Show in April, the Saturday before the exhibit floor opens. This year is no different and we will be bringing broadcast engineers the most compact and broad reaching one-day educational program we can. We seek the writers, the engineers, and the visionaries; many who rarely present outside of this event.

The Ennes program is produced by the Ennes Educational Foundation Trust and the Society of Broadcast Engineers with cooperation from PBS.

Saturday, April 10th, 2010 8:00 am to 5:00 pm
Morning Moderator - Fred Baumgartner, CPBE, CBNT
SBE Education Committee and Ennes Trustee

8:00 – 9:00 am
AUDIO OVER IP TUTORIAL — PART 1 by Skip Pizzi, Media Technology Consultant

The session will provide an introduction to Audio over IP (AoIP) systems and their application to broadcasting facilities. Subjects covered will include a general introduction to networked audio technology, AoIP’s advantages over traditional audio distribution architectures, and how AoIP systems are implemented in typical radio stations.

The session will also consider the closely related technologies of VoIP and IP codecs, and how they may be interfaced to the radio broadcasting environment. Although tutorial in nature, the session will take a decidedly real-world, practical approach to its presentation, with plenty of illustrations and ample time for questions.

9:10 – 9:55 am
AUDIO OVER IP TUTORIAL — PART 2

10:00 – 10:45 am
NEXT GENERATION EAS by Gary Timm, SBE EAS Committee member

Gary will provide an update and as much information available surrounding the continued development of the Emergency Alert System (EAS) and the Common Alerting Protocol (CAP) and how they impact broadcasters and broadcast engineering.

10:45 – 11:30 am
CONSIDERATIONS FOR ADDING MOBILEDTV TO A BROADCAST STATION by Richard Chernock, Chief Technology Officer at Triveni Digital, Inc.

ATSC MobileDTV is a new, emerging technology that offers considerable potential to a broadcaster, including new business models and retention of viewers. Some of the changes needed to add MobileDTV capabilities to a station involve obvious additional or modified equipment (encoders, multiplexer, transmitter). However, there are a number of other considerations:

- Workflow — both scheduling and metadata management
- Bandwidth management
- Adding interactive and NRT services
- Service protection
- Interaction (return) channel use

While much of this is still new and the implications are still being understood, this presentation will provide a summary of the considerations necessary for adding MobileDTV and discuss what has been learned so far on these topics.

11:30 am – 12:00 pm
SMpte UPDATE by Peter Symes, Director, Standards & Engineering, Society of Motion Picture and Television Engineers (SMpte).

Standards, in particular SMPTE technical standards, define much of how the broadcasting arts are accomplished. Mr. Symes will give us a brief tour through the standards,
With March upon us, a young engineer’s thoughts turn to NAB (did you really think I was going to say love?) SBE is planning for a great 2010 NAB Show and we hope that if you are attending the NAB show you will take some time to stop by the SBE booth located just outside of the upstairs South Hall and say hello. We’ll have the new SBE CertPreview and all of the SBE published handbooks as well as technical books from major publishers. There will also be an assortment of SBE logo items. If you need to, you can also renew your membership. Have a question about an SBE topic? Most of the board and officers will be working at the booth throughout the week, so be sure to stop in. You never know who you’ll run into there.

On Tuesday April 13, you’ll want to make plans to attend the SBE Membership Meeting at 5:00pm. It will be held in Room S228 in the LVCC South Hall. SBE holds two membership meetings every year, in the spring and fall. If you have never been, I encourage you to do so. You may learn something you didn’t know about how your society works and we have an open Q and A session (time permitting), where you can participate in the meeting. A number of the SBE committees are also holding meetings during the NAB Show, so visit www.sbe.org for more information.

I also want to remind everyone of my little contest. The titles of my Signal articles all share something in common. If you can figure out what, you may be a winner. Later this year, I will announce the e-mail address where you can send your entry. We’ll take correct entries and put them in a random draw and have some prizes. More details on this as we approach fall.

I would like to take this opportunity to address some scuttlebutt that I recently heard about. The rumor is that the SBE has stopped filing FCC comments on technical issues. Well folks, that is just not correct. SBE is still in the “FCC business,” but with a small difference. With the tight economy, and SBE’s limited resources, now any potential SBE FCC filings are looked at primarily from a member benefit standpoint. In other words, could this filing potentially have a direct benefit on our members?

We still do a good amount of things within “the beltway.” For example, In November, John Poray, Chris Imlay and I visited the offices of the FCC commissioners to discuss two items; the Clarity Media filing and White Space devices. We also took the time to meet with our industry partners MSTV and NAB to discuss issues and possible joint filings. In early March, SBE Government Relations Committee (GRC) chair, Barry Thomas and Chris Imlay were in D.C. talking to members of the House of Representatives in search of a co-sponsor for Senate Bill 2881. They also met with NAB about an SBE filing on NPRM 04-296 to see if we had any common interests we could share and work with.

As I said, we want to give you, our members, the most bang for your dues dollars, which is why we have been looking at all SBE initiatives and trying to make sure they run efficiently and with the most member benefit. If you have any thoughts or suggestions about regulatory or legislative issues that may affect our members, please contact GRC chairman, Barry Thomas or me. You also may contact me directly regarding any of SBE’s other programs that you have a comment or concern about. You may e-mail me at vlopez@sbe.org. Other contact information is available at www.sbe.org.

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by Chris Imlay, CBT
SBE General Counsel

I don’t usually write Signal articles about the same thing twice in a row, but we are living in interesting times. My last article talked about Senate Bill S.2881, the “FCC Commissioners’ Technical Resource Act”; which would authorize an engineering staff position for each of the five FCC commissioners, sponsored by Senators Snowe and Warner. This was a huge step forward for SBE’s advocacy program. With the helpful guidance of Senator Snowe’s staffer Matt Hussey (an EE himself), SBE President Vinny Lopez dispatched Barry Thomas and me to see about a companion bill in the House. In the meantime, Senator Snowe has been working to advance the Bill in the Senate.

As of this writing, S.2881 is set for the next “markup” in the Committee to which it was referred. The markup process is an important step in having the Bill favorably reported out of Committee and to the Senate for consideration. But a House “companion” bill was the necessary next step. Barry and I went to Capitol Hill in early March to look for a House sponsor. We spent two very long days in the four House office buildings smiling, walking, handing out our draft bill and briefing House staffers. We met with them while sitting in Representatives’ offices, sitting in the front foyers of those offices, and yes, standing out in the hallways outside those offices. That is how the process works. Lobbying is not done like this in front of the Congressperson. Instead, you explain your position to bright young twenty-somethings who work long hours listening to the lobbyists and then brief the Congressperson later. Sometimes, there is a reaction; sometimes not.

But really, and not to belittle our work, this Bill to some extent sells itself. We had targeted our appointments mainly to members of the House Energy and Commerce, which has telecommunications jurisdiction. Because of that, the Hill staffers we met with were quite aware of what is going on at the FCC. They were in most cases knowledgeable about S.2881. We received in all cases a favorable reception. The questions we got were probing though: “can’t an FCC Commissioner hire an engineer as one of the three professional staffers now?” (Of course they can. But they don’t.) “Suppose we just ask the Commissioners to consult in advance with the engineers in the Bureaus?” (That would not be sufficient to cause a change in the normal SOP at FCC, where the policy is made and the engineers in the Bureaus are told to justify the policy after the fact). “What are the budget implications of the potential for five new professional staffers at the FCC?” (Minimal relative to the overall staff budget and the total staff of the Commission).

One of the quickest studies we met with was the Legislative Director for Representative Jerry McNerney (D-CA), who we met with on March 3. She asked good questions, and listened to us for a very long time. She promised to raise the subject with Representative McNerney, but made no other commitments to us. Less than two days later, she e-mailed Barry and me and told us that the Congressman was most interested in sponsoring the Bill. On March 10, exactly a week later, H.R. 4809 was introduced in the House and referred to the Energy and Commerce Committee. It is a House Resolution, and it reads precisely as we had drafted our handout; it matches S.2881.

Where do we go from here? We want House cosponsors. We want Senate cosponsors. A House companion Bill is a great start, but it is only that. Please, write your own Congressperson and ask them to support the Bills. Tell them that you are a broadcast engineer and that this is important to the quality of FCC decision making, which affects you. If you need some help wording the letter, tell us and we will help you put the letter together. We have other groups, such as the ARRL, actively supporting this Bill with us. We CAN get this passed.

But please, don’t do what a few engineers have done recently: don’t ask the Hill for something else. That is counterproductive, impractical, and naive. S.2881 and H.R. 4809 are achievable. Perhaps you think it would be ideal to require that at least one engineer be appointed to the Commission. That is not a realistic goal. This legislation is good, timely, and most of all, it is achievable. Help us support it. Be a team player. Thanks.
Recognizing local and national Certification Chairpersons

by Megan E. Clappe
SBE Certification Director

The Certification Program has some exciting presentations for the beginning of 2010. At NAB we will debut the newly revamped CertPreview. The National Certification Committee will also present a new way for you to show off your certification with an SBE Certified logo. Certification Committee Chairman Jim Bernier will have more on this in the June Signal.

Also, keep your eyes open for the monthly Certification and Education email that will come out at the end of every month. This informative email will help you to further your career through the offerings of SBE Certification and Education.

We will continue our efforts to recognize the local and national certification chairmen that help the program of certification run efficiently. This year we recognize those who have service anniversaries on a recurring five-year cycle. They will be recognized at the SBE Membership Meeting. The annual Membership Meeting will be held at the 2010 NAB Show on Tuesday, April 13, from 5 to 6 p.m. in room S228 of the Las Vegas Convention Center. During the meeting we will present plaques to the following:

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<td>Thomas P. Lowther, CSRTE, CBNT</td>
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2010 will also be the anniversary for our current National Certification Committee Chair, James T. Bernier, Jr., CPBE, CBNT who will celebrate 15 years as a Certification Committee member.

Thank you to all of the local Chapter Certification Chairmen and the National Certification Committee for the endless hours they devote to the Program of Certification. Without their help and dedication the program would not be what it is today.

Accredited SBE Frequency Coordinators

SBE began the Accreditation program to provide volunteer SBE coordinators the opportunity to be recognized as part of a standards-based, nationally recognized program of local voluntary broadcast-auxiliary frequency coordinators. The program also makes it possible for SBE to demonstrate to the broadcasting industry the widespread acceptance of a voluntary set of standards guiding local coordination.

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James Schoedler    Denver, CO        Chapter 48
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Member, Senior, Life -
There are more than just these SBE's membership categories

BY John Poray, CAE
SBE Executive Director

You all know that the Society of Broadcast Engineers is a professional association, consisting of a wide range of individuals working in broadcast technical fields. Our membership at the end of February was 5,492 and by the end of June, our peak every year, it will probably be around 5,700. Many of you may not be aware that the SBE has nine different membership categories. Most of our membership falls into the category of “Member,” but what are the rest of the categories and what defines them? Here’s an SBE membership primer to help explain it.

First, the “Member” category is for any person actively engaged in broadcast engineering or its allied fields. Persons who hold an academic degree in Electrical Engineering or its equivalent, or who have scientific or professional experience in the communications field, including the design or marketing of broadcast related products, are also eligible for “Member” status. Close to 80% of all SBE members, more than 4,300 currently are in the “Member” category.

The “Senior Member” level is available to those Members with at least five consecutive years of membership in the Society. They also must have at least 15 years of active participation in broadcast engineering or its allied fields and have demonstrated professional responsibility in the area of supervision, equipment design, physical plant design, marketing and/or equipment – systems integration. There is no cost to upgrade membership to Senior status but there is a simple application to complete. Currently, there are about 170 Senior Members of the SBE.

“Associate Member” status is for any person engaged in the objectives of the SBE but who do not meet the qualifications of “Member.” Those who typically are in the Associate category, and we have about 100 right now, include those in sales who don’t have the scientific or professional background the “Member” category requires.

The second largest category of membership is that of “Life Member.” Any Member or Fellow (or Senior Member) in good standing who has retired from full employment and who has been a member in good standing for ten or more consecutive years, is eligible for Life Member. There is a simple application for Life Membership and a one-time $35 fee is required, but after that, there are no more dues to pay for the rest of your life and you remain a full member of the Society with access to all of its services, programs and publications. Currently, there are 615 Life Members of the Society.

The “Student Member” and “Youth Member” categories are for those enrolled in post-secondary and high school institutions, respectively. Given the nature of these categories, membership in them varies widely during the year. Any person engaged in the study of companion engineering fields at an accredited trade school, college or university is eligible for Student Membership. Currently, we have just over 140 Student Members. The Youth category, created eleven years ago, includes high school students active in the technical operation of a high school broadcast station, broad-casting club or community organization, such as an amateur radio club. The number of Youth Members currently is at just nine; a number that reflects the difficulty of attracting young people into the field. We need more!

There are two membership categories that require election by the national Board of Directors, “Fellow” and “Honorary Member.” Fellow members are those who have provided conspicuous service and are recognized as having made valuable contributions to the advancement of broadcast engineering. It’s considered the highest level of SBE membership. Though “Fellow” is considered a rank of membership, it is also considered recognition of that member’s achievements and contributions. There have been a total of 66 members elected to Fellow membership by the Board.

Honorary membership has the smallest number of members with just four individuals currently in the category and only a total of ten elected over SBE’s 46 year history. Persons elected to Honorary status are those, “…of outstanding repute and eminence in the Art and Science of Broadcast Engineering or any of its allied professions…” Some of those elected to
Honorary membership but who are now deceased include Barry Goldwater, the U.S. Senator and presidential candidate; Elma Farnsworth, the wife and research partner of the late Philo Farnsworth, who is credited by many as the inventor of television; and Julius Barnathan, former Capital Cities – ABC, Vice President of Research.

Living Honorary Members include Dick Cupka, retired leadership trainer, who for 43 years taught the Leader Skills seminars to more than 1,100 broadcast engineers.

The final membership category, albeit a very important one, is that of “Sustaining Member.” This is the only category populated by companies rather than individuals, and is made up of more than 100 manufacturers and service suppliers who wish to support the SBE and reach SBE individual members with their products and services. The financial and program support that comes from this group of industry companies is critical to the continual success of SBE.

There is actually one more category that the SBE By-laws provide for but has never been activated. “Lifetime Membership” was created to allow members to pay a one-time, lump-sum that would make them a member for Life, even while still working. This has never been instituted by the Board. Presumably because the dollar amount would need to be so significant to make it cost effective for the Society that it would be unattractive to the vast majority of members to consider.

Well there you have it; a little bit of SBE 101. Speaking of membership, if you haven’t renewed yours yet, you can do so easily and quickly on-line, at www.sbe.org. Click on the Renew Membership button located just below the rotating photos at the top-right corner of the homepage.

Send your nominations for the SBE National Awards
Nominations are now open for the 2009-10 SBE National Awards. Some SBE members go above and beyond the call of duty to their job and to SBE and the broadcast industry. There are local chapters that do an excellent job of serving their members. Often these efforts go unrecognized. Don't let that happen this year! Fill out an Awards Nomination Form and recognize a deserving individual or chapter. More information and nomination forms are online at www.sbe.org/awards_national.php.

SBE 2009
Financial Review

The Society of Broadcast Engineers, Inc. completed 2009 with net revenue from all operations of $48,751. Net revenue from cash operations only was -$73,969. Gross income from all sources was $687,313 while expenses were $638,562. The value of SBE medium and long term investments as of December 31, 2009 was $969,629, which was $132,999 greater than at December 31, 2008. Total SBE assets as of December 31, 2009 were $1,143,149, an increase of $54,878 over 2008.

A percentage breakdown of SBE income and expenses is depicted in the accompanying charts. A financial statement will be published in the June issue of the SIGNAL, following completion of the Society's annual audit.

INCOME from all sources

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publications (non-Cert)</td>
<td>7.3%</td>
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<tr>
<td>Certification</td>
<td>10.1%</td>
</tr>
<tr>
<td>National Meeting</td>
<td>4.8%</td>
</tr>
<tr>
<td>Sustaining Member Dues</td>
<td>8.7%</td>
</tr>
<tr>
<td>Membership Dues</td>
<td>41.2%</td>
</tr>
<tr>
<td>Education</td>
<td>4.8%</td>
</tr>
<tr>
<td>Investments</td>
<td>19.7%</td>
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<tr>
<td>Other Income</td>
<td>3.4%</td>
</tr>
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</table>

EXPENSES from all sources

<table>
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<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
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<td>12.4%</td>
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<tr>
<td>Certification</td>
<td>11.6%</td>
</tr>
<tr>
<td>National Meeting</td>
<td>3.9%</td>
</tr>
<tr>
<td>Chapter Rebates</td>
<td>5.7%</td>
</tr>
<tr>
<td>Communications w/Members</td>
<td>15%</td>
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<tr>
<td>Members Services</td>
<td>42.5%</td>
</tr>
<tr>
<td>Frequency Coordination</td>
<td>1.9%</td>
</tr>
<tr>
<td>Depreciation</td>
<td>2.0%</td>
</tr>
<tr>
<td>Education</td>
<td>5.0%</td>
</tr>
</tbody>
</table>

Matthew Grossman, CEV
Transmission Manager, NBC Universal, Englewood Cliffs, NJ
Joined SBE in 1999, Chapter 15, New York City
Job Satisfaction: The best part of my job is the chance to solve complex problems through collaboration with other professionals.
Sphere of Influence: One of my mentors was Walter Schoenknecht. A good friend and a fine professional.
Getting Started: My first employer was Harold Galina of Prudential Insurance.
You may not know ... My greatest travel adventure was two weeks in China, adopting our daughter.
When I’m not working: I love flying, ham radio and my family.

a snapshot of an SBE Member

INCoME 5.0%
Frequency Coordination 1.9%
Members Services 42.5%
Chapter Rebates 5.7%
Sustaining Member Dues 8.7%
Membership Dues 41.2%
Education 4.8%
Investments 19.7%
Other Income 3.4%
new standards, and those in the process of becoming standards.

12:00 – 1:00 pm Break

Afternoon Moderator, James “Andy” Butler, CPBE of PBS and past national SBE president

1:00 – 3:00 pm MANAGEMENT/MEDIA SKILLS AND THE FUTURE OF BROADCAST ENGINEERING by Terry Baun, CPBE, AMD, CBNT, Director of Engineering and Operations, Wisconsin Educational Communications Board.

Current economic conditions have combined with major changes in media usage to challenge the position of over the air broadcasting as the primary force for distribution of news, entertainment, and advertising in America. What does this mean for broadcast engineers? Is our profession ending, or evolving? If it is evolving, how do we redefine our roles in an increasingly multimedia world?

This presentation will first discuss the existing relationship between broadcast engineering and the “traditional” broadcast media, particularly between senior management and engineering, uncovering points of conflict and agreement and reinforcing those practices that can improve that relationship. The increased importance of time management, cost-saving initiatives and a “larger view” of station goals are emphasized, as is the necessity for a cooperative interdepartmental attitude in promoting a positive workplace experience.

The presentation will then spotlight the evolving work product of broadcast engineers, and attempt to show what kinds of training and skill sets will be required in the future for those involved in the production and delivery of media. The final portion of the program will feature published comments from working engineers on the status and future of our profession, providing a platform for audience discussion and participation.

3:00 – 3:45 pm HD RADIO™ UPDATE by Hal Kneller, CPBE, AMD, DRB, CBNT, Market Development Manager, Nautel, Ltd.

This presentation will discuss the current issues surrounding HD Radio™, the power increase, industry status, and the challenges facing equipment manufacturers and broadcasters who wish to implement the technology at elevated power levels. Results of studies completed in late 2009 by NPR Labs and the commercial broadcasters to show interference versus coverage improvements will be shared.

3:00 – 3:30 pm WIRELESS MIKES AFTER THE DTV TRANSITION by Ralph Beaver, CBT, President and CEO of Media Alert LLC.

Nothing beats wire for audio connections from microphone to equipment, but wireless operations are preferred in situations where connecting wires would get in the way of other staging factors. The FCC part 74 licensed wireless mic spectrum has changed drastically in recent months and misinformation runs deep. This presentation will help unscramble the wireless mystery and provide useful information for a perfect broadcast.

3:30 – 4:15 pm IMPACTS OF 3D TELEVISION ON VIDEO & BROADCASTING by Dan Holden, Comcast Fellow/Chief Scientist, Comcast Media Center

4:15 – 5:00 pm REORGANIZATION OF BROADCAST WORKFLOWS by Greg Doyle, Senior Consultant, Diversified Systems Inc.

Program automation is the standard in most broadcast facilities today, but just how automated and efficient is a given facility? New technologies and standards exist that allow the reorganization of the step-by-step processes that keeps facilities running and makes the broadcast workflow more agile and responsive to business needs.

This presentation will examine an existing broadcast workflow and describe how it can be changed through the implementation of BXF, MXF and XML to establish a service based workflow. From this, it will derive a new model of operation based on a separation of services and not the physical infrastructure or hardwired devices.

To attend the SBE Ennes Workshop presented as a part of the NAB Broadcast Engineering Conference at the 2010 NAB Show, you must be registered for the full conference. Go to www.nab.org to register. SBE members can register at $100 off the non-NAB member rate.
The Ennes Workshops, presented by SBE, bring affordable education to members locally. These programs are typically one day in length. Presentations are educational in nature and part of the day is devoted to separate seminar tracks for radio and television topics. Workshop locations for 2010 include:

**APRIL 10:** at NAB, Las Vegas, Nevada, www.nabshow.com, Open to those who purchase the full conference NAB registration.

**MAY 21:** El Paso, Texas at the Wyndham El Paso Airport Hotel & Waterpark, SBE Members - $25 / Non-Members - $35

**SEPTEMBER 25:** Arlington, Texas

**OCTOBER 16:** San Diego, California

**NOVEMBER 10:** Worcester, Massachusetts at the DCU Center, In conjunction with the New England Broadcast and Cable Expo, www.nebcexpo.com, Admission to the Expo is free! SBE Members - $25 / Non-Members - $35

For more information on these workshops, visit the SBE website at www.sbe.org under Education / Ennes Workshops.

For more information on continuing education programs offered by SBE, contact Kimberly Kissel, SBE Education Director, at (317) 846-9000 or kkissel@sbe.org.

SBE leadership development course

This three-day interactive event challenges you to refine your leadership skills as you better understand and improve how you interact with others. For more information, visit www.sbe.org/SBELeadershipCourse.php.

**August 3-5, 2010**

**Atlanta Marriott Perimeter Center**

246 Perimeter Center Parkway NE

Atlanta, GA 30346

Phone: (800) 321-2211

Registration: $580 per person

Room Rate: $109 per night

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**Halieh A. Gebrekidan** - Addis Ababa, Ethiopia

**Stephen M. Harcus** - Denton, TX

**Jeffrey E. Leonard** - Johnson City, NY

**Paul Spencer** - North Andover, MA

**Lawrence J. Asenci** - Waterford, NY

**Daniel Mahoney** - Newton, IA

**Lawrence J. Ascenzi** - Waterford, NY

**Jeffrey E. Leonard** - Johnson City, NY

**Stephen M. Harcus** - Denton, TX

**Ethiopia**

**Haileab A. Gebrekidan** - Addis Ababa, Ethiopia

**Kyle L. Benton** - Pasco, WA

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**Vi Fan Chan** - Fo Tan, Shatin, Hong Kong

**Robin Adair-Weber** - Columbia, MD

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The SBE Nominations Committee is seeking candidates to run in this year’s election for the SBE national Board of Directors. To be eligible, candidates must be Regular, Senior or Life members of the SBE, or be the designated representative of an SBE Sustaining Member, in good standing. All candidates must hold an SBE engineering-level certification and must maintain that certification through all terms of office.

Those interested in running should contact the chairman of the SBE Nominations Committee, Jim Leifer, CPBE at jimleifer@hotmail.com. The deadline to be nominated by the Nominations Committee is April 30.

The election will take place on August 26, following a month-long ballot period. Winners will be inducted on October 27 during the SBE National Meeting, held in Madison, Wis.

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SBE SPRING MEMBERSHIP MEETING
Our annual spring SBE Membership Meeting will be held on Tuesday, April 13 from 5:00 pm to 6:00 pm in room S228 of the South Hall at the Las Vegas Convention Center. We will be recognizing X17 of our local SBE chapter certification chairman during the meeting. We’ll have some great prizes to give away, including a Sony camcorder to one lucky member and three dinner gift cards. The first 100 members in attendance will receive a free pocket size combination level and screwdriver.

The highlight of the meeting will be the presentation of the SBE Lifetime Achievement Award to an SBE member. The recipient will not be made aware of the award until the announcement is made during the meeting so be sure to attend and see who it is.

SBE will hold several other meetings during the 2010 NAB Show that may be of interest to you. (Located at the Las Vegas Hilton Hotel unless otherwise indicated)

SATURDAY, APRIL 10
Ennes Workshop 8:00 am – 5:00 pm (BEC registration required)
LVCC, Room S219
SBE Certification Committee Meeting
6:30 – 11:00 pm, Conference Room 7
SUNDAY, APRIL 11
SBE Board of Directors Meeting
8:30 am - 12:00 pm
Conference Rooms 1 & 2
SBE Education Committee Meeting
2:00 – 4:00 pm Conference Room 1

SBE Frequency Coordination Committee Meeting
2:00 – 4:00 pm, Board Room

SBE EAS Committee Meeting
4:00 – 5:30 pm, Executive Board Room

MONDAY, APRIL 12
SBE EAS Meeting 2:00 – 4:00 pm, Conference Rooms 4 & 5 (open to all)

TUESDAY, APRIL 13
SBE Certification Exams
9:00 am – 12:00 Noon, Conference Rooms 9 & 10

SBE Frequency Coordinators Meeting
10:00 am – 12:00 pm, Conference Rooms 7 & 8

SBE Spring Membership Meeting
5:00 – 6:00 pm, LVCC Room S228 (open to all)

REGISTRATION DISCOUNTS FOR SBE MEMBERS
Members of SBE may register for the NAB convention at a special “partner” rate, a savings of $100 off the NAB non-member rate. To get the discount, SBE members register using the regular NAB non-member rate. To get the discount, SBE members register using the regular NAB on-line registration form. When completing the form, check the “Partner” box at the bottom and select “Society of Broadcast Engineers” from the drop-down box.

We hope you’ll join many of your fellow SBE members April 10-15, in Las Vegas for the 2010 NAB Show and NAB Broadcast Engineering Conference!