

Schedule

Mark Your Calendar (2003)

General Membership Meetings

(Breakfast 7:30 a.m.)

January 16
March 14
May 8
July 17
September 11

Business Practice Committee Meetings

(Breakfast 7:30 a.m.)

February 13
April 10
June 12
August 14
October 9

SEAC Board of Directors Meetings

(7:30 a.m.)

January 9
February 6
April 3
June 5
August 7
October 2

Annual Dinner Meeting

November 6
6 - 9 p.m.

JANUARY GENERAL MEETING

RECENT CHANGES AND FUTURE DIRECTIONS IN STRUCTURAL ENGINEERING STANDARDS AND THE BUILDING CODE

Building codes and structural standards have seen significant changes in recent years, both in terms of the philosophy they are based on and the detail of code requirements. Many of the standards organization have even more changes under consideration at this time. With the pace of change accelerating, it is difficult for the practicing engineer to keep current. These significant changes also may require increased coordination with building officials having jurisdiction to identify the appropriate codes and standards that will be in place at the time of permit. Practicing engineers must also update software and design aids to accommodate the changing standards.

Jim Harris will lead the January program with an overview of the status of the primary codes and standards. The talk will not be focused on the technical details, rather be a look at the trends and ideas behind the codes and how they are (or are not!) coordinated. Some of the highlights include:

- Changes to the 2002 ACI 318 Building Code Requirements for Structural Concrete
- Changes to ASCE 7 Minimum Design Loads for Buildings and other Structures
- Changes to ACI 530/TMS 401/ASCE 5 Building Code Requirements for Masonry
- The Progress of the AISC 2005 combined ASD/LRFD Specification
- Changes to the 1997 NDS wood specification
- A discussion of the differences between IBC and NFPA 5000 as they apply to structural engineers
- A discussion of the philosophy of the different code bodies with respect to how they balance the academic and practical considerations in deliberating changes to code provisions

Jim Harris, president of J.R. Harris & Company, Structural Engineers is imminently qualified to present this topic. In addition to being a long time member and past president of *SEAC*, Jim is active in many of the code writing organization. He is currently chairman of the committee that produces the ASCE 7 standard. In addition Jim serves on both the ACI 318 committee and the AISC committee on specifications. He also serves on several committees of the Building Seismic Safety Council and has a pulse on where the seismic design codes are going. Please join us for this informative program.

Don't Miss Out Upcoming General Meeting

Date: Thurs. Jan 16 @ 7:30am

Speaker(s): Jim Harris, J.R. Harris & Co.

Location: Renaissance Denver Hotel
3801 Quebec Street (south of the I-70 and
Quebec intersection)



Please e-mail your reservations to Caryn Bauer at:

cbauer@martinmartin.com, or
phone in at 303-431-6100x260.

Reservations MUST be made BEFORE 12:00 noon on Monday, January 13, 2003. Reservations made after that time cannot be accommodated because of deadlines with the hotel.

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*Information for inclusion in the newsletter
must be received one month prior to the next
general meeting.*

Caryn L. Bauer
Newsletter Publisher

PRESIDENT'S MESSAGE

As the incoming president of *SEAC*, I am pleased to announce the results of our election in November (no recounts or controversies at the polls were reported). In addition to returning board members **Natalie Mozer-Renn** (VP Treasurer), **Bill Zimmerman** (Director), and **Jim Ness** (Director) we are joined by **Street Schellhase** (Secretary) and **Ron Stevens** (Director). I look forward to working with Ron and Street as we work to serve the membership of *SEAC* in 2003. At the same time, I would like to once again applaud the hard work and dedicated service of departing board members **Ed Buteyn** and **John Garlich**.

As VP/Treasurer of *SEAC* in 2002 I had the pleasure of attending the NCSEA national meeting in Chicago in October. It was a humbling experience to listen to and share discussion with the leaders of our profession. I was struck by the level of dedication and great ideas that are in progress within NCSEA. At the same time, it is clear that our industry is highly fragmented, which places each of us at a disadvantage in our day-to-day work life. The national certification program for structural engineers under development at this time is one idea to address this issue. The straw poll vote of *SEAC* taken by email prior to the conference indicated our members are divided on the issue of certification. This result was mirrored in the discussion and voting of the delegates at the national convention. In the end, the delegates from each of the member organizations voted to move ahead with developing the certification program by a nearly unanimous vote. The final program will be subject to a mail ballot of the member organizations prior to implementation. I will present this to the full *SEAC* membership when details become available.

In addition to the certification program, many worthwhile and ambitious programs are under way within NCSEA and its committees. In 2003 the *SEAC* board will be encouraging several of our committees to support some of these programs. Some examples include:

- Outreach to our Universities to develop more uniform structural engineering curriculum and to offer the services of speaker, tours, etc. (Education Committee)
- Presenting the NCSEA certification model and NCEES changes to the State Board of Registration and communicate their concerns and thoughts to NCSEA. (Legislative Committee)
- Coordinating the efforts of our committee updating the "Guide to Structural Engineering Services in Colorado" with national efforts within SEI. (Standard of Practice Committee)
- Development of a Colorado SEERP group to assist local authorities in the event of a disaster.

Several of our documents need updating to serve the membership of *SEAC* as well. I encourage all members to get involved in the working committees of *SEAC*. This is the level that the work of the organization is accomplished and with our large membership we can limit undue burden on individuals.

Finally, the *SEAC* Board will take up the issue of retaining an executive assistant in 2003 to help with the administrative burden of the organization. This has been a goal for many years and I will update our progress in future newsletters. The Board of Directors encourages your participation and suggestions. Please feel free contact any one of us with suggestions and comments.

November Annual Dinner Meeting Re-cap



Robert L. (Ben) Brungraber

Ben Brungraber, guest speaker for SEAC's Annual Dinner, presented an enjoyable and informative presentation on "Heavy Timber Framing"

Brent Norris and Past-President Kent Petersen, 1992



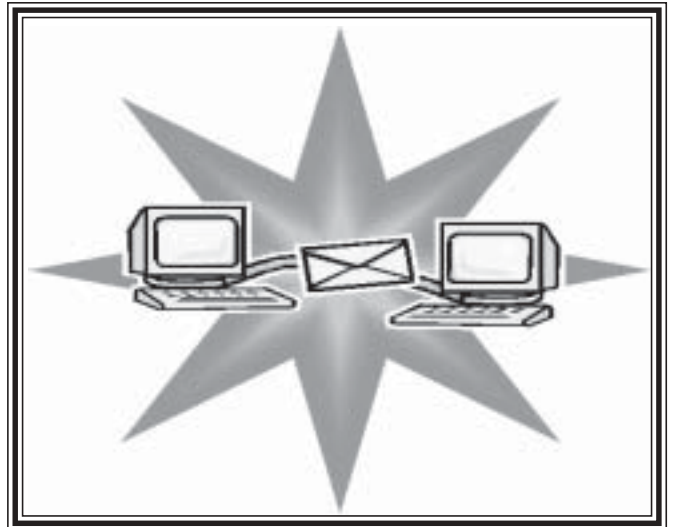
Kent and Brent



Mike and Brent

Brent Norris and Past-President Michael Huwaldt, 1991

CHANGE OF ADDRESS? NEW E-MAIL INFORMATION?



If you have a change of address, phone, fax or e-mail. Please e-mail Caryn Bauer at cbauer@martinmartin.com



SEAC prefers to send out all newsletters via e-mail in PDF format. If you are not currently receiving the newsletter via e-mail, please send your e-mail address to cbauer@martinmartin.com.

Important

After passing your P.E. exam, if you are currently an Affiliate member of *SEAC*, you need to submit another application with a resume and three references from *SEAC* Professional members if you wish to update your status to “Professional” and have the right to vote on *SEAC* matters.

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***SEAC* Newsletter**

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