



# SEAC Newsletter

Structural Engineers Association of Colorado

## Schedule

### Mark Your Calendar (2005)

#### General Membership Meetings

(Breakfast 7:30 a.m.)

January 20  
March 17  
May 19  
July 21  
September 15

#### Business Practice Committee Meetings

(Breakfast 7:30 a.m.)

February 10  
April 14  
June 9  
August 11  
October 13

#### SEAC Board of Directors Meetings

(7:30 a.m.)

January 6  
February 3  
April 7  
June 2  
August 4  
October 6

#### Annual Dinner Meeting

November 3  
6 - 9 p.m.

## MARCH GENERAL MEETING

### REDEFINING THE WORK ENVIRONMENT FOR COMPLEX STRUCTURES

Complex structures such as the new Denver Art Museum require a new working environment approach to ensure constructability, economy and success of the project. Historically the design and construction process has been a very linear approach. Each step of the design, detailing fabrication and erection of a building has followed the step before with each part of the process having little input into one of the other parts. The complexity of the Denver Art Museum connection design required the design and construction team to establish an interactive approach where each member of the team simultaneously participated and helped guide each part of the design, detailing, fabrication and erection process. All aspects of information were shared freely amongst the group including design data, three dimensional design and detailing models, fabrication techniques and erection sequences and processes.

The Denver Art Museum is one of the more complex projects currently under construction in the United States. The success of the redefined work environment used in the steel connection design, fabrication and erection process resulted in an early finish of steel erection due to the efficient manner in which the complex steel frame was completed.

SEAC's March presentation will discuss the redefined work environment approach that lead to this success. In addition this presentation, we will review some of the more technical design issues and engineering design decisions that formed the basis of the connection design technical process.

### Don't Miss Out

**Date:** Thurs. March 17, @ 7:30 am

**Speaker(s):** J.R. Barker

**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](mailto:cbauer@martinmartin.com).

**Reservations MUST be made By 12:00 noon on Monday, March 14, 2005.**

## Officers & Board Members



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*Actual photo available next issue*



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

Caryn L. Bauer  
SEAC Administrative Director

## President's Message

This month's president's message gives me the opportunity to report on two issues SEAC's Board of Directors has recently addressed. The first item concerns setting the agenda for SEAC's upcoming activities. The second is the Board's decision to offer continuing education credits for attendance at SEAC meetings that have appropriate educational content.

Now that SEAC has successfully updated and published our *Guide: Recommended Standard of Practice*, the Board has decided to renew our efforts to update two other popular SEAC publications: *The Colorado Building Department Survey*, last published in 1997, and *The Colorado Snow Load Report*, last published in 1971. SEAC's Wind Committee has also been assisting **Jon Peterka** of Cermac, Peterka and Petersen, in his efforts to develop and promote a Front Range Wind Map for use by engineers and code officials. The Board intends to provide financial support for wind data acquisitions as well. We cannot promise you that you will have any of these documents in your hands this year, but we hope to make significant progress towards that end.

Although Colorado's Board of Registration does not currently require continuing education credits for license renewal, there are many states that do. Therefore, the Board of Directors has decided that SEAC will offer continuing education credits for attendance at General Meetings and the Fall Seminar, beginning with the March General Meeting. To those of you whose practice necessitates licensure in multiple states, it probably seems like each state's licensing requirements are different. Unfortunately, this also applies to the standards set by the various licensing boards regarding the requirements a continuing education provider must meet to deliver an acceptable continuing education credit. For example, some licensing boards require that the continuing education provider be registered with the board; others specify that the provider maintain records of varying degrees of complexity; some do not spell out provider requirements. We have decided to meet the following criteria for our programs:

- Provide a written certificate documenting the presentation to show proof of attendance.
- Maintain a list of attendees and presentations for a period of not less than three years.
- Maintain a list of instructors and instructor qualifications for not less than three years.
- Be subject to audit of the above records by Boards of Registration.
- Allow persons designated by Boards of Registration to attend presentations for the purpose of determining that said presentations meet the standards of the Board.

It will be up to the individual meeting attendee to determine if the above criteria will satisfy their specific continuing education needs. Initially, we have decided to not register SEAC with any licensing boards as a continuing education provider. The certificate that documents the program and the credit provided will be available to attendees at the conclusion of each meeting.

If the chance to witness J. R. Barker's presentation and receive continuing education credit isn't enticement enough, the Board has invited our cohorts at the Rocky Mountain Steel Construction Association to be SEAC's guests at this month's meeting. The RMSCA continues to generously invite SEAC members to many of its meetings and also hosted a joint RMSCA/SEAC breakfast meeting last summer. Let's show our appreciation by coming to the meeting and personally expressing our gratitude to the RMSCA members who attend.

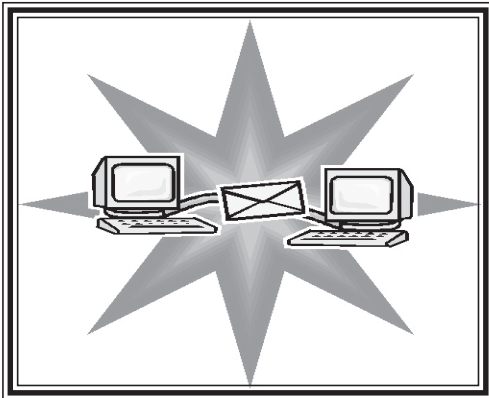
*Street Schellhase*



## 2005 SEAC Dues Are Due

*Please submit your dues payment to:*

SEAC  
Attn: Caryn Bauer  
c/o Martin/Martin, Inc.  
12499 West Colfax Avenue  
Lakewood, CO 80215



If you have a change of address,  
phone, fax, or e-mail. Please e-mail

Caryn Bauer at

[cbauer@martinmartin.com](mailto:cbauer@martinmartin.com)

## **SEAC Wants You!**

Become a member of SEAC  
Access the Membership Application  
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[www.seacolorado.org](http://www.seacolorado.org)  
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