

## NCAC is Rolling into Boulder

The 2009 NCAC Annual Meeting will be held in beautiful Boulder, Colorado, August 2-3, 2009.

### Meeting Features:

- Presentation by industry expert Pat Brown from Syn-Aud-Con
- Great food, fun and networking with other acoustical consulting professionals
- Dinner and breathtaking views at Flagstaff House Restaurant
- Industry exposition
- Beautiful setting at the St. Julien Hotel & Spa in the foothills of the Colorado mountains

### NCAC Stimulus Package: Buy One Get One Free Registration

**Register for the NCAC Annual Meeting and bring along a colleague from your firm for FREE.** (Free registrant must be an acoustical consultant from the same firm). Simply indicate the name of your free registrant on your registration form.

NCAC did not raise registration rates. Enjoy the same low price as last year!

### Bring the entire family and enjoy all that Boulder has to offer:

- Boulder Falls & Boulder Reservoir
- Mapleton Historic District
- Flagstaff Mountain
- Rockies Brewing Company
- Mountain biking, hiking, fishing and camping



National Council of Acoustical Consultants  
9100 Purdue Road  
Suite 200



NCAC Annual Meeting  
Boulder, CO • August 2-3, 2009



## NCAC Annual Meeting

**Featuring:  
Pat Brown, Syn-Aud-Con**



## About Pat Brown



Pat Brown is a contractor and consultant who has designed and installed sound systems for all types of venues, from small churches to large arenas.

Pat teaches Syn-Aud-Con seminars world-wide, authors magazine articles, and conducts training seminars for major manufacturers.

## About the Presentation: Combining Classical and Modern Techniques for Room Acoustic Evaluation

Practitioners have been refining the art and science of acoustical measurement for over a century. In the last quarter century, digital recording and processing techniques have given us some new tools that the ancients could only dream of. Recent developments have increased the power of these tools while reducing their cost, resulting in simpler approaches that can provide more insight into measured data.

### Topics to be discussed include:

- Room Impulse Response (RIR) collection.
- B-format microphony in RIR collection.
- Processing the B-format RIR into some common playback formats.
- 3D reflection identification from the B-format RIR.
- Real-time convolution for listening to the RIR.
- Merging measured and predicted room data.

## Hotel Information

St. Julien Hotel & Spa  
900 Walnut Street, Boulder, CO 80302  
[www.stjulien.com](http://www.stjulien.com)

Call (877) 303-0900 for reservations and ask for the NCAC rate of \$209.00/night.

## Schedule

### Saturday, August 1, 2009

5:30 pm - Welcome Reception

### Sunday, August 2, 2009

8:00 am - 12:30 pm - Registration Open

8:30 - 10:30 am - Seminar

10:30 am - 12:30 pm - Long Range Planning

11:00 am - 12:30 pm - Lunch/Networking

12:30 - 3:30 pm - Manufacturer Exhibits

4:30 pm - Leave for Dinner at Flagstaff House

(All transportation provided. Dress Code: Business casual, no shorts, tank tops or t-shirts.)

### Monday, August 3, 2009

9:00 - 11:30 am - Board Meeting

12:00 - 2:00 pm - Lunch & General Membership Meeting

## About Boulder

### Getting to Boulder:

Boulder is 45 miles (approx. 1 hour) from the Denver International Airport. Transport options:

- Boulder Super Shuttle: (800) BLUE VAN  
[www.supershuttle.com](http://www.supershuttle.com)
- Rental Cars: [www.flydenver.com/gt/rental.asp](http://www.flydenver.com/gt/rental.asp)

### High Altitude Tips:

Adjust to the mile-high climate with these tips:

- Drink plenty of water.
- Remember the effects of alcohol are stronger at high altitudes.
- Eat foods high in potassium.
- Wear sunscreen - there is 25% less protection from the sun at 5,280 feet.
- Play golf - golf balls go 10% farther!

## Annual Meeting Registration Form

Your Name \_\_\_\_\_

Company Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_

### Register me for the guest lecture, exhibition, General Membership Meeting and all meal functions:

- NCAC Member Registration - \$205.00
- ONE FREE Registrant (Must be an acoustical consultant from your firm):

Name: \_\_\_\_\_

- Guest Registration (From another firm) - \$205.00

Guest Name: \_\_\_\_\_

Company: \_\_\_\_\_

- Spouse Registration (Meal Functions Only) - \$150.00

Spouse Name: \_\_\_\_\_

Grand Total: \_\_\_\_\_

Special Meal Requirements: \_\_\_\_\_

**Registration Deadline: July 24, 2009**

**Please make checks payable to NCAC.**

**Send form with payment to:**



**National Council of  
Acoustical Consultants**  
9100 Purdue Road  
Suite 200  
Indianapolis, IN 46268