



# ACOUSTICAL · SOCIETY · OF · AMERICA

## NORTH · CAROLINA · REGIONAL · CHAPTER

### An invitation to our Spring Meeting at Raleigh, May 6, 2005

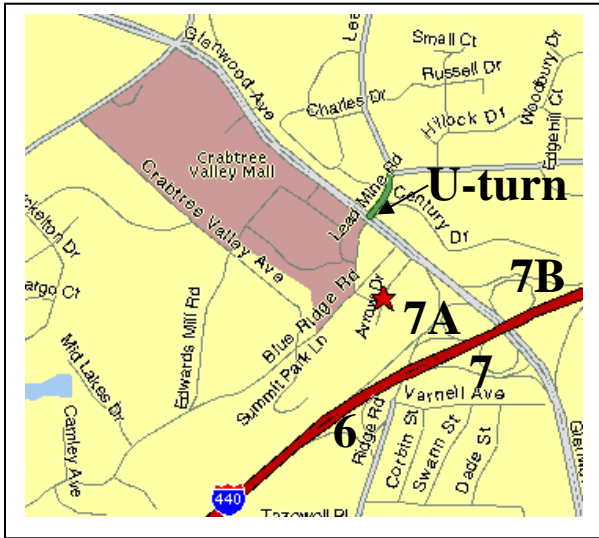
Our Spring Meeting will be held at the Raleigh Crabtree Inn in Raleigh on Friday, May 6. The first portion of our program will be focused on the measurement of sound including speech privacy, a new revised standard for measuring sound isolation between rooms, and environmental soundscapes. In the latter portion of the program, we will expand to general interests in the broader world of sound and its effect on humans and animals. This includes speech intelligibility and acoustics of classrooms, and Seismic animal communication and its relevance to the recent tsunami.

Members! Please e-mail any updated contact information to [Treasurer@nc-asa.org](mailto:Treasurer@nc-asa.org) (more details on back page of announcement).

### SPRING MEETING PROGRAM

- 9:00 am      **REGISTRATION**  
Meeting Registration Fee - Member preregistration \$30 (\$35 at door)  
Student/Life Member preregistration \$20 (\$25 at door).  
Public Afternoon Session- Registration- 1:00-1:30 pm - \$5
- 9:30 am      **WELCOME AND INTRODUCTION**
- 9:35 am      Natural and Urban Soundscapes: The Need for Multi-disciplined research  
Robert Kull, Parsons, Norfolk, VA; Brigitte Schulte-Fortkamp, ITA/TU-Berlin, Germany, and Tim Lavalley, LPES, Inc., Smithfield, VA
- 9:55 am      Digital Identification of Intrusive Noise: Pilot Study to Digitally Characterize Soundscapes and Intrusion  
Robert Kull, Parsons, Norfolk, VA; Brigitte Schulte-Fortkamp, ITA/TU-Berlin, Germany, and Tim Lavalley, LPES, Inc., Smithfield, VA
- 10:20 am     **BREAK FOR EXHIBITS AND REFRESHMENTS**
- 10:50 am     Major Revisions of ASTM Standard for Measuring Sound Isolation Between Rooms  
Noral Stewart, Stewart Acoustical Consultants, Raleigh
- 11:15 am     Measuring Speech Privacy for Healthcare  
Kenny Good, Jr., Acoustic Privacy Enterprises, Lancaster, PA
- 11:40 am     **BUSINESS MEETING**
- 12:00 am     **LUNCH (Please see our exhibits after lunch)**
- 1:30 pm      Masking for Privacy  
Kenny Good, Jr., Acoustic Privacy Enterprises, Lancaster, PA
- 1:55 pm      Speech Intelligibility in Classrooms  
Ken Roy, Armstrong, Lancaster, PA
- 3:00 pm      Seismic Animals Communication and Its Relevance to the Recent Tsunami  
Elizabeth von Muggenthaler, Fauna Communications, Hillsborough, NC
- 3:30 pm SOCIAL/ BREAK WITH REFRESHMENTS (AND EXHIBITS)**

**EXHIBITS:** We have ample space for exhibitors. To exhibit, contact Joe Bridger at [treasurer@nc-asa.org](mailto:treasurer@nc-asa.org).



**FINDING THE MEETING – Raleigh Crabtree Inn  
3920 Arrow Dr., Raleigh, NC 27612**

The Raleigh Crabtree Inn is near the Crabtree Mall at the intersection of the I-440 beltline and Hwy. 70 West. Visit <http://www.crabtree.pmcproperties.com/> for detailed information.

Approaching on I-40 Eastbound (from Greensboro, Charlotte). Take exit 289 - Wade Avenue. Follow the signs to I-440 - Inner Beltline (North). Take exit 7 - Crabtree Valley/Glenwood Ave (70 west). Turn left at the stoplight at the end of the exit ramp. Stay in the left lane. Make a U-turn at the next intersection. Turn right onto Arrow Drive, just past the Amoco gas station.

Approaching on I-40 Westbound (from Wilmington, Benson) Take I-440 - Outer Beltline (North). Take exit 7B, Crabtree Valley/Glenwood Ave. (70 W). Go through the stoplight at the end of the exit ramp and get in the far left lane. Make a U-turn at the next intersection. Turn right onto Arrow Drive, just past the Amoco gas station.

**LODGING:** Rooms should be available at Raleigh Crabtree Inn, 919-782-7525. Many hotels are located in the Crabtree Valley area.

**Registration:** *Pre-registration* - Please e-mail the form below (or provide the same information in an e-mail) to [Treasurer@nc-asa.org](mailto:Treasurer@nc-asa.org) or print out and send to: Acoustical Society, P.O. Box 33504, Raleigh, NC 27636. *Registration* is also available at the door the day of the meeting (for \$5 more) however pre-registration is strongly encouraged.

**MEETING PRE-REGISTRATION FORM**

Print this form and mail to:

NORTH CAROLINA ACOUSTICAL SOCIETY, P. O. BOX 33504, RALEIGH, NC 27636

**Please mail by April 30th to pre-register.**

Enclosed is my check for \$ \_\_\_\_\_ payable to NC regional chapter of ASA. Please register me for the meeting of the North Carolina Regional Chapter of the Acoustical Society of America.

<p>Name _____</p> <p>Company _____</p> <p>Address _____</p> <p>City _____</p> <p>State _____</p> <p>Zip _____</p> <p>E-mail Address _____</p>	<p>Regular Registration - \$30 Student and Life Member Registration - \$20</p> <p>Enclosed is a check for \$ _____ to be deposited in the scholarship fund of the North Carolina Chapter of ASA. Make check payable to the Acoustical Society of America and marked "for NC Chapter Scholarship Fund"</p> <p>Enclosed is a check for \$ _____ to be deposited in the scholarship fund of the North Carolina Chapter of the Acoustical Society of America. Make check payable to the Acoustical Society of America and marked "for NC Chapter Student Prize Fund."</p> <p>_____ A matching check will be forthcoming from my employer.</p>
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**Additional information about the society is provided on the next page.**

## **WEBSITE [www.nc-asa.org](http://www.nc-asa.org)**

Our website and email are becoming our major means of communicating with chapter members. Please visit the website regularly to keep abreast of our activities. If you have suggestions or comments, please send them to [webmaster@nc-asa.org](mailto:webmaster@nc-asa.org).

## **MEMBERSHIP AND E-MAIL/MAILING LIST INFORMATION**

### **KEEP YOUR MEMBERSHIP UP TO DATE**

Anyone who has attended a meeting in the last three years, or who requests to continue or initiate a membership otherwise is considered a member. All national ASA members in our region will continue to receive mailings even if not considered a member of the regional chapter. Mailings to others who have not requested membership will be discontinued after about two years. **Please contact Joe Bridger via e-mail at [treasurer@nc-asa.org](mailto:treasurer@nc-asa.org) or via our mailing address or by phone at 919-858-0899 if you have not attended in the last three years and want to continue to be a member and receive mailings.**

### **HELP US SAVE MONEY AND PROVIDE YOUR E-MAIL ADDRESS**

We are also collecting e-mail addresses. This saves the society money and makes communication much easier. Those who have provided an e-mail address will no longer receive a hard copy in the U.S. mail. National ASA and regional chapter members who have provided e-mail addresses will be sent a notice via e-mail with a link to the website to download or view the meeting announcement. Contact Joe Bridger at [treasurer@nc-asa.org](mailto:treasurer@nc-asa.org) or at 919-858-0899 to have your name added to e-mail list or to correct any other contact information.

## **STUDENT POSTER COMPETITION AND SCHOLARSHIPS**

The chapter will hold its third student poster competition this fall. In our second year, we awarded two \$2500 prizes to individual students, a \$1000 prize to a team of three students, and a \$500 prize to a team of four students. The chapter also awards an annual scholarship and is seeking applicants. For more information including eligibility requirements, contact Noral Stewart at 919-858-0899 or [award@nc-asa.org](mailto:award@nc-asa.org).

## **SCHOLARSHIPS AND POSTER FUND CONTRIBUTIONS**

The two \$2500 prizes for the poster competition last year were provided by Larry and Julie Royster through the Acoustical Society of America, the \$1000 prize was raised by the chapter, and the \$500 prize was raised by Liz von Muggenthaler. The Royster funding through ASA is not available every year. The chapter is building a prize fund to either offer additional prizes or prizes in years when the ASA funding is not available. An annual scholarship in general acoustics is funded by income from the chapter scholarship fund. Your tax-deductible contributions to either the scholarship fund student prize fund are welcome. Contributions may be sent to the chapter for forwarding to ASA which holds the funds. Checks should be made payable to the Acoustical Society of America and marked either "for NC Chapter Scholarship Fund" or "for NC Chapter Student Prize Fund."

## **PROFESSIONAL DEVELOPMENT CREDITS FOR PROFESSIONAL ENGINEERS**

Professional Engineers now need credits for continuing professional development to renew their registration. Attendance at this meeting should provide credits toward satisfying this requirement.

## **OFFICERS OF THE CHAPTER**

The following is a list of the current members of our Executive Committee. Please contact them if you have any questions or comments. E-mail addresses for some are available on the website [www.nc-asa.org](http://www.nc-asa.org) :

Chair:	Liz von Muggenthaler	919-475-2525	<a href="mailto:chair@nc-asa.org">chair@nc-asa.org</a>
Vice-Chair:	J. Bibb	919-303-8421	<a href="mailto:vice-chair@nc-asa.org">vice-chair@nc-asa.org</a>
Treasurer:	Joe Bridger	919-858-0899	<a href="mailto:Treasurer@nc-asa.org">Treasurer@nc-asa.org</a>
Secretary	Fred Schafer	704-721-4001	<a href="mailto:Secretary@nc-asa.org">Secretary@nc-asa.org</a>
Rep to ASA:	Noral Stewart	919-858-0899	<a href="mailto:award@nc-asa.org">award@nc-asa.org</a>

### **At-Large Members**

Michael Ermann	540-231-1225
Aaron Farbo	919-858-0899
John Held	919-848-3541
Richard Honeycutt	336-249-7910
Eb Strickland	919-388-0203