



ASA, Upper Midwest Chapter

Meeting Announcement

Date: Tuesday, February 19th

Time: Social at 5:30pm, Dinner at 6:30pm and Program at 7:30pm. Dinner will be \$25 (\$12.50 for full-time students) and will include Caesar Salad, Minnesota Chicken, Chocolate Cake.

Program: "European Outdoor Noise Directive", with Roger Anderson of Acoustics & Noise Control

Location: 3rd floor, Holiday Inn Metrodome, 1500 Washington Ave S., Minneapolis, MN 55454

RSVP to Dave Braslau (david@braslau.com or 612-331-4571)

Program Abstract: In the late 1990's the European Union identified noise as one of the most pressing environmental problems in urban areas. In 1998 a commission presented a proposal for a directive concerning noise emissions of equipment used outdoors to the European Parliament and the Council of the European Union. In May of 2000, the new Directive was adopted and was put into force in July of 2000. The directive covers some 58 types of machines mainly ones used on construction sites. This directive requires machinery to be labeled as to their Sound Power output, and limits the sound power based on the type of machine and the horse power of the engine. For some types of machines the manufacturer must guarantee that no machine will exceed that limit. Exceeding that limit can stop shipments and sales of that machine into and across borders of the European Union. This is an expensive and time consuming procedure and effects many US manufactures exporting into Europe.

Background: Roger Anderson has been involved in noise measurement and reduction for the past 40 years. He works in the capacity of a consultant for noise and vibration and has been closely involved in the design and development of noise and vibration instrumentation and software. He works closely with several manufactured of machines that must meet the requirements of the European Noise Directive. <http://ancoustics.com>.

Parking: There is parking available in the ramp adjacent to the hotel. For directions to the hotel please visit, http://www.metrodome.com/location_and_directions.cfm

Website: <http://umcasa.org>

Email: umcasa@gmail.com

Officers:	<i>President:</i>	Ryan Sieler	ryansieler@tierneybrothers.com	612-455-3627
	<i>Vice President:</i>	Tim Casey	Tim.Casey@hdrinc.com	
	<i>Secretary:</i>	Todd Rosso	toddrosso@ipr.edu	612--375-1900x122
	<i>Treasurer:</i>	Tom Horner	janhorner@aol.com	612-824-2654
	<i>Member-at-large:</i>	Dave Braslau	david@braslau.com	612-331-4571
	<i>Webmaster:</i>	Ron Gerdes	rwgerdes@yahoo.com	651-778-6576