ACOUSTICS OF GREEN BUILDINGS

Joint Meeting Special Session: 159th Meeting of the Acoustical Society of America and NoiseCon 2010

Co-Chairs: David Sykes, Brandon Tinianov, Ralph Muehleisen

Monday April 19, 2010 – Time: 8am to noon
Essex Room, Baltimore Waterfront Hotel
Baltimore, Maryland USA

Introduction
David Sykes, session organizer

US Green Building Council's role as a change agent in the North American construction market
Brandon Tinianov PhD, Serious Materials

A review of the Leadership in Energy and Environmental Design v.3 green building rating systems
Ralph Muehleisen PhD, IIT

Architectural acoustics: emerging opportunities require new material solutions
David Sykes, ANSI S12 WG44

Understanding & specifying green noise control materials & solutions
Brandon Tinianov PhD, Serious Materials

Unintended consequences: acoustic outcomes in LEED certified offices
Kevin Powell, US General Services Administration

Acoustics and the Leadership in Energy and Environmental Design (LEED) rating system
Ben Markham, Acentech

Acoustics and LEED: why education and healthcare came first
Kurt Rockstroh AIA, ACHA, Co-chair, Facility Guidelines Institute

Acoustic materials for a green world: the sustainable design transformation of the architectural acoustics industry
Mandy Kachur, Acoustics by Design with Dan Bruck & Jeanette Hesedahl, BRC Acoustics & Technology Consulting

A "green" and translucent thermo-acoustic insulation material with nano-scale properties
James Satterwhite, Cabot Corporation

Materials science: a "green" acoustic wall treatment for controlling room reverberation in healthcare facilities
J. R. Babineau, Johns Manville

Going green may require new professional relationships and different solutions providers
Bennett Brooks, Brooks Acoustics Corp.

Electro-acoustic architecture: Is it green?
Glenn Sweitzer, Sweitzer LLP

Leadership in energy and environmental design (LEED) acoustics
Kenneth Andria

Panel discussion

Questions? Email the session organizer:
dsykes@remington-partners.com

SPECIAL SESSION