

The overall theme of this year's ASHRAE Spring Seminar is to look at LEED standards for 2009, their impact on the HVAC industry, and how they will evolve into the future.

The focus will be on:

- existing construction
- new construction
- building commissioning

Energy conservation has become the number one issue in our industry.

Join us at ASHRAE in helping to develop the knowledge and skills necessary to compete in this increasingly demanding market.

Who should attend:

engineers, consultants, architects, and other building professionals who are interested in achieving significant energy savings in building energy systems design and who would like to become more familiar with:

- LEED
- New Technologies Available In Energy Efficient Design
- How We Can Adapt To An Industry Shifting To New Standards Of Development
- Existing Building Energy Retrofits
- New Construction HVAC Design
- Commissioning Process As Defined By ASHRAE and LEED
- Advanced Energy Design Strategies, Advice, and Case Studies from Local Experts

Fees required at time of registration. Space is limited, please register in advance!

Fees:

\$180.00 non-member
\$150.00 ASHRAE Chapter Member
*NO REFUNDS FOR CANCELLATION OR NON-ATTENDANCE

Online registration (deadline March 23rd):

1. Go to www.ashrae-socal.org
2. Follow sign up and payment instructions.

Registration by mail (postmark by March 20th):

Name _____

Title _____

company _____

Address _____

City _____

state/zip _____

Tel _____

Fax _____

Email _____

Please submit payment with registration:

Check: or Credit: visa master AmExpress
Make checks payable to ASHRAE Southern California Chapter.

Card# _____ Exp _____

Signature _____

mailing address:

DMG Corporation, C/O Matt Church
WHITTIER, CA 90601

For more information contact:

Matt Church – Spring Seminar Chair
matt.church@dmghvac.com – 562-692-1277

ASHRAE Southern California Chapter

Spring Seminar 2009

sponsored by:



ASHRAE, Southern California Chapter
American Society of Heating, Refrigerating and Air-Conditioning Engineers

www.ashrae-socal.org

What is new for LEED 2009 and LEED Commissioning

Date & Time:

Friday, March 27, 2009

Full Day Seminar – 8:30am-4:00pm

REGISTRATION STARTS AT 7:30am

Location:

Southern California Gas Company
Energy Resource Center (ERC)
9240 Firestone Boulevard
Downey, CA 90241

Speaker:



Rick Lasser – Commissioning Professional – ARUP – Los Angeles

Rick Lasser has over 20 years of engineering experience in the Design and Construction industries. Rick has led the Arup Controls and Commissioning Group in Los Angeles for the past seven years. Rick has a BSc degree Electrical Engineering, is a Qualified Commissioning Process Provider (QCxP – University of Wisconsin), a Certified Energy Manager (CEM), Certified Measurements and Verifications Professional (CMVP) and a LEED® Accredited Professional. Rick expertise includes mechanical and electrical systems, extensive knowledge of codes and regulations, and is considered a specialist in design and commissioning of control systems. His latest achievement is the design and specification of the control system for the Natural Ventilation System of the new San Francisco Federal Office Building.

Rick is currently the Commissioning Authority for several Los Angeles Community College District campuses, providing commissioning services for new construction projects funded by position A and AA. Arup's relationship with the District has grown from one project to several projects as Arup continues to provide the highest standard of services to the District.

Rick participated in the commissioning of several high profile projects including the Getty Centre in Los Angeles, the Cal EPA project in Sacramento which earned a LEED® Platinum for EB and the Retro-Commissioning of UCLA Medical Plaza and Pfizer Pharmaceuticals, La Jolla Campus which achieved a documented annual savings of \$1,000,000 in energy cost as a direct result of the Retro-Commissioning effort.

Rick is also an approved commissioning provider for the San Diego retro-commissioning program funded by SDG&E and administered by PECL and is also, under the leadership of PECL, participating in the expansion of the existing publicly available Functional Test Guide funded by the California Energy Commission (CEC), the New York State Energy Research and Development Authority (NYSERDA), the Texas Engineering Experiment Station (TEES), the University of Nebraska-Lincoln (UNL), the Oregon Department of Energy (ODOE), the Northwest Energy Efficiency Alliance and the Iowa Energy Centre.

Schedule:

7:30 am **Registration and Continental Breakfast**

Part 1 LEED 2009

8:30 am **Intro**

8:45 am **“The Evolution of LEED for New Construction and Existing Building Operations and Maintenance”**

PRESENTER: ERIK RING, PE

11:45 am **Lunch (included in registration)**

Part 2 LEED Commissioning

12:30pm **Introduction Part 2**

12:45pm **The Commissioning Process Per ASHRAE and NIBS**

The Modified Commissioning Process for LEED Accreditation

PRESENTER: RICK LASSER

3:45pm **Closing and Adjournment**

Course Credits: 5 pdhs credits are available upon request.

Special Thanks:

We would like to thank all of our speakers and their respective companies for volunteering their time, knowledge and expertise!

Also, thank you to Southern California Gas Company, for sponsoring facilities and staff to accommodate this seminar!

ARUP



LPA



Speaker:



Erik Ring, PE – Director of MEP Services, LPA – Irvine, CA

Erik has a breadth of experience in engineering, consulting, design, analysis and commissioning for green building projects. Erik is Director of MEP Services at LPA, Inc., a west coast architecture, planning, engineering, interior design, landscape architecture, and graphics firm specializing in sustainable design.

Erik has provided MEP systems design, energy modeling, LEED documentation coordination, energy efficiency consulting, and commissioning services to numerous green building projects, including over a dozen completed LEED-NC and LEED-CI projects. Erik is involved in numerous green building and LEED projects that are currently in design or construction.

Erik lives in Orange County, California, with his wife and two sons.

Professional Memberships

- USGBC Orange County Chapter
- USGBC LEED Faculty
- USGBC Los Angeles Chapter (Board Member 2000-2002)
- Professional Engineer (Mechanical), State of California
- USGBC LEED Accredited Professional
- USGBC LEED Energy & Atmosphere Technical Advisory Group
- American Society of Heating, Air-Conditioning and Refrigeration Engineers (ASHRAE), Member

Continental Breakfast and Gourmet Catered Lunch by Jay's Catering

