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Facilities Engineering

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JOURNAL

CBRE TRANSFORMS
BUILDING ENGINEERS INTO

**PROBLEM
SOLVERS**

IN THIS ISSUE:

- An IDEAL Partnership with AFE
- Preventing Building-Associated Legionnaires' Disease
- Facilities America 2011

AFE Association for
**FACILITIES
ENGINEERING®**

A Sure Bet

ON YOUR CAREER SUCCESS

The Facilities America Conference, produced by the Association for Facilities Engineering (AFE) and held in conjunction with Facility Decisions, is fast becoming the largest and most well-respected annual conference and exposition for facility engineering, operations, management and related professions in the world.

Schedule @ a Glance

Saturday, October 8

8:00 am – 5:00 pm
AFE Committee Meetings

8:00 am – 5:00 pm
CPMM Exam Review

Sunday, October 9

8:00 am – 12:00 pm
AFE Leadership Development Institute

8:00 am – 5:00 pm
AFE Committee Meetings

8:00 am – 5:00 pm
CPMM Exam Review

Monday, October 10

8:00 am – 5:00 pm
AFE Board of Directors Meeting

8:00 am – 5:00 pm
CPMM Exam Review and Exam

Tuesday, October 11

9:00 am – 9:50 am
Best Practices for Using Your CMMS: Wit or Wit Out

Dennis Hydrick, CPMM, Facilities Operation Manager, Lockheed Martin

Why Emergency Call Systems Shouldn't Be a Roll of the Dice

Justin Franke, Director of Sales, Heritage MedCall

3 Steps to Maintenance Reliability Engineering

Jim Taylor, CPE, CPMM, Director of Operations, Machinery Management Solutions, Inc.

10:00 am – 10:50 am

Legionella and Waterborne Pathogens: What's in Your Reclaimed Water?

Janet Stout, Ph.D., Director, Special Pathogens Laboratory

**Schedule is subject to change without notice. For the most current agenda, please visit www.facilitiesamerica.org.*

**Fines and Notices of Violations:
Environmental Regulation and
Commercial Buildings**

*Amelia J. Janisz, Senior Program
Manager, Green Reviews, Inc.*

**Best Practices in Building your
Facilities Engineering Team**

*Joe Lampinen, Director of Engineering
Services, Kelly Services, Inc.*

11:00 am – 11:50 am

**Analyzing the Health of Your
Electrical System**

*Dave Kadonoff, Sales Engineer, IDEAL
Industries*

Net-Zero Feasibility Study

*Todd Isherwood, LEED AP, IIDA, MSFM,
Massachusetts Maritime Academy*

**Are We Still Fighting the
Maintenance Crisis?**

Joel Leonard, Host, SkillTV.net

8:00 am – 12:00 pm

**Fountains of the Bellagio
Facilities Tour**

12:00 pm – 4:00 pm

Exhibit Hall (Open)

6:00 pm – 7:30 pm

**Chapter Awards Reception
(separate registration fee)**

Wednesday, October 12

8:00 am – 8:50 am

**Implementing Maintenance
Plans in a Reactive Culture**

*Kate Kerrigan, CPMM, Reliability
Engineer, Allied Reliability*

9:00 am – 9:50 am

Combustible Dust: A Hot Topic

*Greg Barker, Business Development –
Mission Critical/Special Hazards, J.F.
Ahern, Fenwal Protection Systems*

**Retro Commissioning HVAC/
Lighting Systems - Energy
Savings vs Occupant Comfort
(Can You have Both?)**

*Robert Shorr, CPMM, President, Accu-
rate Balancing & Commissioning, Inc.*



Danny T. Hutchins, PhD, president of DiHydro Services (an AFE Global Technical Partner) makes a point at last year's Facilities America. *Photo courtesy of AFE.*



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Adding Sustainable, Green and Energy Efficient Building Requirements and Technology to Courses for Facility Engineering Students or Practicing Engineers

John V. Massey, Ph.D., Department Chair, Engineering Technology, California Maritime Academy

10:00 am – 10:50 am

Learn from Your Investments: Energy Modeling, Measurement and Verification

Matthew Higgins, Energy Engineer, Bridgers & Paxton Consulting Engineers

What is Monitoring-Based Commissioning?

Michael C. English, PE, CCP, LEED AP, Senior Partner, Horizon Engineering Associates, LLP

Streamline Your Maintenance Program with Reliability Based CMMS Practices

John Butterfield, President, JLB Backflow Inc.

11:00 am – 2:00 pm

Exhibit Hall (Open)

2:10 pm – 3:00 pm

How and Why of Plate Heat Exchanges Fouling

Michael Radicone, President, i2 Air Fluid Innovation, Inc.

Current Status of Trends in Energy Efficient and Sustainable Facilities

John V. Massey, Ph.D., Department Chair, Engineering Technology, California Maritime Academy

Cogeneration Plant

Eric Herrera, Operations Manager, Methodist Hospital

3:10 pm – 4:00 pm

Reducing Project Costs

Vaughn J. Mantor, Director of Marketing, 3D Laser Scanning Division, Darling Environmental & Surveying



Victor Davis, recipient of an AFE Foundation scholarship in 2010. Photo courtesy of AFE.

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Continuing Education Units at Facilities America

What you earn in Vegas will follow you wherever you go after Vegas! You can earn a maximum of 2 CEUs toward AFE Recertification by attending Facilities America. The educational sessions at Facilities America, will earn you the CEUs to keep your CPMM, CPE or CPS Certification current.

AFE designates Facilities America educational sessions as eligible for Continuing Education Units (CEUs). You may claim only those hours of credit that you actually spent in the educational activity.

2011 AFE Chapter Awards

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Celebrate with AFE in Vegas as we honor outstanding Chapter achievements.

AFE's Chapter Awards recognize chapter best practices and honor the volunteers who help to enhance the value of AFE membership by providing quality local programs and services. Come party with your peers as we honor the 2011 award recipients. Don't forget to register to attend this exciting networking event!

Register Now for the World Famous Fountains of Bellagio Facility Tour!

Get behind-the-scene access to see how the water and light magically perform to the music backdrop against the brilliant Las Vegas sky. This facility tour may be the most impressive part of your visit to Las Vegas! Space is limited; tour registration is available on a first-come, first-served basis. Register at www.facilitiesamerica.org.



“With new, more energy efficient and sustainable building systems and techniques available every day, it is more important than ever for facilities engineers and operations and maintenance professionals to demonstrate the skills, education and training necessary to successfully operate today's high tech facilities by becoming AFE Certified.”

—Larry Ross, CPE, CPMM
Chair, AFE Professional Development Committee

Get AFE Certified in Vegas!

The Certified Plant Maintenance Manager (CPMM) Review Courses will be held at the Mirage Events Center. Separate registration required.



CPMM EXAM REVIEW

October 8-10, 2011
Mirage Events Center

CPMM Exam Review fees:

- AFE member: \$1,295
- AFE non member: \$1,495

(Save by joining AFE today! Call 571.203.7236.)



Learn more about AFE Certification at www.AFE.org/certification