

NI NEWS

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OM Workspace

Shaw Contract

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February 7, 2006 Oakton Community College 1600 E. Golf Rd Des Plaines

Speaker: Mark Kischner, CFM

Topic: Facilities Management Education

About our Speaker and Program:

Mr. Kischner has served on IFMA/NI's board as education chairperson. He is currently working as the Facility Manager of IKEA in Schaumburg. Mark will talk about Oakton's Facilities Management and Engineering (FME) program, with John Blumenshine to follow. Bob Somploski, Interim Dean of the Division of Mathematics and Technologies, will detail Oakton's Tech programs, followed by Michele Brown, Director of Enrollment Management, with facts about enrolling and details about Oakton Community College itself.

About our Host Site:

Oakton's main campus in Des Plaines is located on 147 acres of woodlands and prairie, bordered on the west by the Des Plaines River. The College, a modern, red-brick building with 435,000 square feet, houses 65 classrooms and 46 educational laboratories, as well as student services, administrative and faculty offices. Special facilities include 19 computer classrooms; a Performing Arts Center; the Business Institute; the Koehline Visual Arts Center; a Child Care Center; and a teleconferencing center, gym, fitness center, library and bookstore.

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President's Message

This month, we are focusing on education at our monthly meeting. Oakton Community College has an excellent program in Facilities Management. Come learn about classes that you can take to brush up on your knowledge of Facilities Management topics.

With groundhog day approaching, let's talk spring! The weather here has been balmy compared to previous Januarys which got me thinking about golf. This year's golf outing will be held May 18th at a new venue for us, Klein Creek Golf Course. We are looking forward to playing a new course. If you are interested in sponsoring a hole or attending, please look a bit further in the newsletter for more details.

Your NI board is still hard at work planning all of our activities for the rest of the year. Mike Dawson from Bradford Systems will be speaking at our March meeting. We are looking forward to welcoming IFMA International's president, Dave Brady, to our April meeting at Cummins-Allison Corporation in Mount Prospect.

Looking back at the accomplishments of the last 6 months, I am happy to say that your hard working board of committee heads has had a great year so far! Our big mission goals are being accomplished in three ways: First, costs are being contained and the bank account is being replenished through significant contributions by our annual sponsors. This program is growing, and making it possible to maintain excellent learning opportunities for the membership. Second, communication between our members is improved through the continued distribution of our very own membership directory. If you haven't picked yours up at a meeting, be sure to ask at the next one, or call Kathy Daloia to have one mailed to you. Third, recognition of our volunteer committee members is expanding with volunteer profiles on the website. We hope to have photos and short biographies of all volunteers loaded up and running in the next few months.

Are you keeping your New Year's resolutions? Are you attending or have you attended chapter meetings? There are still plenty more to



attend. Come join us!!

2005—2006 IFMA NI BOARD

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630-250-0101

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847-879-8252

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Kathy Daloia
847-821-8243

Did you Know? - Clark Druesedow, CFM

Each month I will be choosing topics relevant to IFMA core competencies that will assist in providing you a better understanding that can be used in day-to-day facilities operations as well as provide training and learning that may relate to questions typically seen on the facilities management certification exam. This month's topic:

FMP – Facility Management Professional

There is a new avenue on the road to becoming a Certified Facilities Manager - CFM. IFMA has initiated a knowledge based designation for beginning and transitioning facility professionals who do not yet have the hands-on experience requisite to obtaining the CFM. This designation is Facility Management Professional – FMP.

FMP is designed for FMs with less than 5 years experience and is intended to accelerate an FM's transition into the profession. The targeted group is generally made up of entry level FM practitioners, transitioning professionals, partner practitioners such as architects, designers and safety engineers, associated corporate providers of FM products and services, and students completing their education seeking a profession in the FM industry. FMP candidates are those who have completed coursework through an IFMA approved provider or an IFMA Recognized Program prior to applying for the FMP. The essential coursework requirements to obtain the FMP designation is as follows:

Area Number	Area Title	Topics	Credits
1	FM Fundamentals	Survey course or institute addressing nine FM competencies	2 credits
2	Managing the Facility	Operations & Maintenance, Communications, Human & environmental Factors, Emergency Preparedness, Sustainable FM, Energy Management Technology	1 Credit
3	Supporting the Business	Real Estate & Leasing, Finance, Project Management	1 Credit
4	Leading the Organization	Leadership & Management, Quality & Innovation, Strategic Planning	1 Credit
5	FM Business Workshop	The Business & Value of FM, Current Issues in FM, mentored work-palce based project	

A detailed listing and pricing for coursework offered by IFMA, can be found in the "Online Learning Center – Course Modules & Pricing" web page under www.IFMA.org. Multiple courses are listed for each "Area" listed in the table above.

Coursework need not be offered/sponsored by IFMA. Credits can be obtained through a college, university or training program recognized by IFMA. In order to maintain the quality and integrity of the FMP program, IFMA requires the candidate to submit a transcript, course materials and a contact at the institution. Of the above listed areas the FM Business Workshop is the only required IFMA course.

IFMA recognizes successful completion of a course and assessment as a 70 percent or higher and/or letter grade of C or higher. A review fee of \$25 is assessed for non-IFMA recognized programs. This fee is waived if the coursework is associated with an IFMA recognized program.

Coursework can be submitted for review and approval as each course is completed. An FM working toward the FMP need not wait until the final application process to submit courses for review. However, documentation of IFMA approval must be submitted during the final application process. The coursework assessment process and application guidelines can be found on-line at www.IFMA.org/fmp. Candidates may complete the form on-line or print and fax or mail the application to IFMA Headquarters. The cost for the application process is \$149 plus a \$50 final review and designation fee, for IFMA members. For non-members of IFMA, the cost is \$249 plus the \$50 final review and designation fee.

Once an FM has attained the FMP designation recertification is required every two years at a cost of \$100. The criteria for recer-

recertification is defined under the following areas:

- Networking
- Business/workplace leadership
- Participation in research activities through IFMA Headquarters
- Continuing education
- Career growth
- Involvement in committees in the workplace

IFMA's objective is to make it as uncomplicated as possible to pursue, achieve and maintain the FMP designation. On-line toolkits, database resources, on-site and on-line courses, and multiple training and knowledge networks are made available through IFMA's Professional Development Department, IFMA chapters, councils and www.ifma.org. Although the FM Business Workshop is the only course required to be taken through IFMA, all area requirements may

be met through the following IFMA resources:

- IFMA's Spring Symposium
- IFMA's Fall Symposium
- IFMA On-line Courses
- IFMA Chapter and Council Seminars
- IFMA Recognized Programs
- IFMA-Approved Providers

As IFMA and its professional designations are highly regarded in the FM industry, becoming an FMP can assist in career development and is a great training tool for equipping an FM with knowledge to better address day-to-day operation of the workplace. And finally, this designation is a major building block for those seeking certification as a CFM.

The Evolution of Flashlight Tag and Solid State Lighting

The article below is taken from the Public Sector Council Learning Journal. It is written by Ken Stephan, CFM. The journal, along with the PSC newsletter, peers who specialize in your area of FM and wonderful educational opportunities is another great reason to join one of IFMA's councils. More info on councils can be found at the following links. http://www.ifma.org/chapters_councils/ or http://www.ifma.org/chapters_councils/council_listing.cfm.

We hope you enjoy the article.
The Evolution of Flashlight Tag and Solid State Lighting.

Public Sector Facilities Council Learning Journal for January 2006 – The Evolution of Flashlight Tag and Solid State Lighting.

Did you ever play flashlight tag as a kid? The sheer fun of running around in the dark and then capturing your friends in the beam of your flashlight was childhood fun. The only real trouble with that game was when your batteries started to give out and that beam of light faded to black. Flashlight tag is now more efficient than ever with the utilization of single and/or even multiple LED(s). Utilizing the appropriate designer color the game can be played longer, brighter, and more focused. In fact you do not even need batteries anymore with the utilization of shake and crank systems that are currently available for power sources. But enough of the childhood games for the moment - let us explore and investigate the future of lighting.

I would direct you to the following website

<http://www.netl.doe.gov/ssl/index.html> and from there you can extend your beam of knowledge in all directions.

Breakthroughs in light emitting diode (LED) and organic light emitting diode (OLED) technologies are catalyzing advances in solid-state lighting (SSL). SSL sources are already replacing conventional technologies in specialty applications, including automobile brake lights, traffic signals, exit signs, and flashlights. Further technology advances will drive the development of white-light sources that will ultimately replace incandescent and fluorescent lamps in general illumination applications.

Why are we hearing so much about LEDs today? LEDs have been around since the 1960s, but they are just now reaching the levels of luminous output and power that open the door to more applications. For example, today's commercially available LEDs offer energy efficiency, maintenance savings, impact resistance, durability, and other benefits for traffic signals, exit signs, and other specialty applications. White LEDs are approaching performance levels that make them attractive for use in automobiles, aircraft, and elevators. For most general illumination applications, however, current LEDs cannot yet compete with traditional sources on the basis of performance or cost. More research is needed to increase the efficiency and decrease the cost of LED technologies.

How long will it take before we see energy-efficient, cost-competitive, white-light products on the market?

DOE's SSL R&D plan spans 20 years (2000-2020), and includes three components: Core Technology Re-

search, Product Development, and Commercialization Support activities. The good news is that tremendous progress is being made, faster than originally anticipated. Researchers have already improved the efficacy of white LEDs to approximately 50 lumens per watt, almost four times more efficient than incandescent sources. Costs are still high, but have dropped significantly in the last year alone, from approximately \$250/kilo-lumen to around \$150/kilo-lumen (based on manufacturer estimates for volume purchase). For comparison, conventional light sources (incandescent, fluorescent) cost around \$1/kilo-lumen. There already appear to be a lot of white-light LED products available now... what should I look for?

Some of the LED products available today are marketed as "energy-efficient," but actually have very low light output compared to typical light sources. The combination of high price and low light output may actually make them a poor replacement for current technology. It is important to compare new LED products to the most efficient conventional technology (such as fluorescent, incandescent, or metal halide) that could be used in your specific application. The following checklist will help you determine if an LED product is right for your application:

Ask how many watts the product consumes and how many lumens of light it produces. Lumens per watt is the measure of how efficiently the light source is converting electricity into useable light. For comparison, incandescent lamps typically produce 12-15 lumens per watt of electric power. CFLs produce at least 50 lumens per watt. The best white LEDs available today can produce about 30-35 lumens per watt, and products in the 45-50 lumens per watt range are expected to be available this year (2005). For some applications, LEDs can provide enough light on the task, even though their total lumens are lower than comparable incandescent or fluorescent sources. This is because LEDs emit light in a more concentrated beam than other light sources. Still, it is helpful to know how much total light the LED product provides.

Evaluate the cost.

For comparison, a 75-watt incandescent light bulb typically produces about 1,000 lumens and costs less than \$1. The problem is, it only lasts about 1,000 hours and only converts about 5% of the electricity it consumes into light. A comparable CFL is 5 times more efficient, lasts 10,000 hours, and costs about \$5. So the conventional light sources cost around \$1 per thousand lumens. Today's white LED products cost more than \$150 per thousand lumens. But that's only part of the story. If you have lights that are on most of the time, or in a hard-to-reach area, LEDs could save significant

maintenance costs.

Assess the need for unique LED features.

In some applications, the extra durability that LEDs can provide is worth a higher purchase price. Outdoor pathway and step lighting is an example of a sensible application for today's white LEDs. They provide a small amount of light right where it's needed, and can be powered by solar cells, eliminating the need for running wire outdoors. They are also good for applications where vibration typically leads to early failure of conventional light sources. Being a solid-state device, LEDs are highly resistant to damage caused by vibration.

Check the color of white LEDs.

If you've ever tried to match white paint, you know there are actually many shades of white. White light is no different. White light varies from "warm" or more yellow/orange in appearance, to "cool" or more blue. Today's white LEDs are typically "cooler" and bluer, even compared to fluorescent sources. Further, there is a trade-off between efficiency and color. The "warmer" colored white LEDs provide less light per watt of electricity consumed, compared to the "cooler" white LEDs.

Get a sample of the product if possible, so you can evaluate it yourself. Because of the current lack of standardized reporting practices among LED product manufacturers, there is not yet a reliable way to compare product performance based on information provided by the manufacturer. The best way to assess a product you are considering is to ask for a sample.

Do LEDs really last 50,000 hours? 100,000 hours?

There is no simple answer to this question. Considering that 100,000 hours is more than 11 years of 24/7 operation, it's hard to do life testing on these products! However, SSL researchers have developed ways to predict LED life, based on shorter test periods. Unlike other light sources, LEDs don't "burn out;" they simply get dimmer over time. Although there is not yet an official industry standard defining "life" of an LED, the leading manufacturers define it as the point at which light output has reached 70% of initial light output. Using that definition, the best white LEDs have been found to have a useful life of around 35,000 hours (that's four years of continuous operation). LED lifetime is strongly dependent on operating temperature. If operated at higher temperatures than are typical for these life estimates (25 degrees C), the LED's light output will decrease more quickly. Further, it is very common for LEDs in commercial products to operate at temperatures above 25 degrees C.

Please do take the time to check of the Department of Energy site and explore what they are investigating and investing in.

Take care and look forward to a brighter future.

Ken E. Stepan, CFM
Editor Public Sector Facilities Council, IFMA

The PSFC Learning Journal is a monthly exploration into topics of interest to the members of the Public Sector Facilities Council. Should you wish to suggest a topic of interest please contact me at ken.stepan@pwgsc.gc.ca

Thank you to our January meeting sponsor, Elert Associates. Our meeting was held at Sedgebrook Retirement Community in Lincolnshire.



Career Opportunity

Building Engineer (The College of American Pathologists, Northfield, IL)

Interested candidates should e-mail resume and salary history to recruiter@cap.org or fax it to (847) 832-8172.

POSITION DESCRIPTION: The College of American Pathologists (CAP) is a non-profit medical society. The CAP is seeking Building Engineer who will operate and maintain building systems and equipment, assist in maintaining the College grounds, maintain work order logs and project schedules and develop performance reports.

QUALIFICATIONS:

- At least 2 years experience in facility operations and building maintenance
- - Demonstrated skills in basic building operating engineering functions
- Ability to lift up to 75 lbs and work on ladders above six feet
- Ability to occasionally operate forklift and platform lift; walk on uneven landscaped grounds; work occasionally in environments containing dust, odors, chemicals, solvents, and unpleasant substances
- Ability to use hand and power tools competently.
- Basic computer skills in word processing, spreadsheet, and email.
- Valid driver license required.
- Must be high school graduate.

SALARY RANGE:

- Expected salary range is low- to mid-\$30s.

For more information, please visit the web site at www.cap.org
EEO



ELERT & ASSOCIATES

Technology Consultants

(847) 984-2802

www.elert.com



Northern Illinois and Chicago Annual Golf Outing

Are you “teed” off with the winter yet? Have we got the solution “fore” you! The annual Northern Illinois and Chicago chapters of IFMA’s golf outing. Our event will be held on May 18th. We are trying out a brand new venue for us – Klein Creek Golf Club located at 1N333 Pleasant Hill Road in Winfield. Conveniently located in suburban DuPage County, just south of Route 64 and County Farm Road, renowned course architect Dick Nugent (Kemper Lakes, Seven Bridges) has created an 18-hole masterpiece carved from 230 acres of rolling prairie. Gentle doglegs bounded by forest, contrasted with strategically bunkered fairways and greens, wild prairie grasses, and more than 30 acres of man-made lakes demands a thinking persons approach if one is to score well.



In addition to the design, the manicured course and lush bent grass tees, fairways and greens contribute to Klein Creek's repeated recognition as one of the area's finest maintained courses.

Registration begins at 11:30am with a Shotgun Start at 1:00pm sharp. A Boxed lunch will be served. Be sure to join us for dinner after golfing. It’s a great way for reminiscing about the days great shots or work on that new business relationship.

Be sure to mark your calendars now and find your local golf dome to start practicing.

We look “fore”ward to seeing you there.

If you are interested in sponsoring a hole, please contact Deb Radek at DRadek@deborah-zeitler.com or call 312-399-2151. Faxed requests can be sent to 312-661-0625

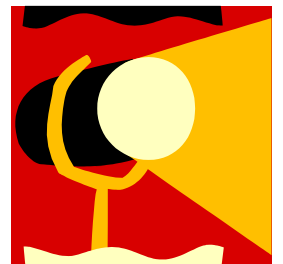
Spotlight on Bill Brow, CFM, MA, SMA, Treasurer

Bill Brow, CFM, FMA, SMA has been a member of IFMA since 2000. He served on the Education Committee for two years. He is currently our chapter treasurer.

Bill just joined the American Association of Oral and Maxillofacial Surgeons in Rosemont. Prior to this, he was the Facility Coordinator with Pactiv Corp. at the Data Center for Pactiv and Tenneco Corporations. Prior to this a contractor in the same position with OneSource Facility Management for 2 ½ years. Before this was a Maintenance Supervisor for a division of Aramark, and worked in Operations and Maintenance for RREEF Property Mgmt.

Bill enjoys home improvement projects, woodworking, golfing and fishing. He lives in Lombard with his wife. He has two children, a son in Villa Park and a daughter in Minneapolis.

An interesting tidbit that few people know is that Bill went on a cruise to the Alaskan Inner Passage last September.



Map –Oakton Community College



Via Tri-State Tollway (I-294)

From North: Exit at Golf Road. Turn left at the end of the exit ramp. Turn right at the traffic light (Golf Road). Turn right at the first traffic light (College Drive).

From South: Take the Dempster West exit. Turn right on Rand Road (Route 12) to River Road (Route 45). Take River Road north to Golf Road. Turn right on Golf to the first traffic light (College Drive) and turn left.

Via the Kennedy Expressway

Take the Kennedy Expressway to the Tri-State Tollway (I-294 to Milwaukee). Exit at Dempster West and follow the directions (from South) above.

NI CALENDAR

February 7

Monthly General Meeting

Oakton Community College
Des Plaines, IL

March 7

Monthly General Meeting

Cummins-Allison Corporation
Mount Prospect, IL

April 4

Monthly General Meeting

Door Systems, Inc.
Itasca, IL

May 2

Monthly General Meeting

Hewitt Associates
Lincolnshire, IL

May 18

Northern Illinois and Chicago Chapters of IFMA

Annual Golf Outing
Klein Creek Golf Course
Winfield, IL

June 6

Monthly General Meeting

Mooseheart Child City & School
Mooseheart, IL

July 11 (note: 2nd Tuesday of month)

Monthly General Meeting
Alexian Medical Center
Hoffman Estates, IL

October 8-10

World Workplace 2006
San Diego Convention Center
San Diego, CA

October 24-26, 2007

World Workplace
Morial Convention Center
New Orleans, LA

Mark your FM Calendar

Mark Your FM Calendar

note: the following information is provided solely as a convenient listing for IFMA/NI members. Further details may be learned by contacting each group as listed below.

February 1 & 2

The Essentials of OSHA Compliance 2006
The Drake Oak Brook
Oak Brook, IL
(800) 258-7246 www.nationalseminarstraining.com

February 1-2

Understanding HVAC Controls & Air Distribution for Effective Troubleshooting
Elk Grove, IL
American Trainco
(877) 978-7246 www.americantrainco.com

February 2 & 3

The Complete Course on Facilities Management
Palmer House Hilton Loop
Chicago, IL
National Seminars Training
(800) 258-7246 www.nationalseminarstraining.com

February 6-7

Electrical Diagrams Schematics & Drawings
Joliet, IL
American Trainco
(877) 978-7246 www.americantrainco.com

February 15 & 16

The Essentials of OSHA Compliance 2006
Sheraton Chicago Northwest
Arlington Heights, IL
(800) 258-7246 www.nationalseminarstraining.com

February 22

Real Estate Development from Beginning to End in Illinois
Hilton Garden Inn Hoffman Estates, IL
(866) 352-9539 www.lorman.com/online

February 27

SARA Title III Workshop: Emergency Planning and Community Right-to-Know Act
Wyndham O'Hare
Chicago, IL
Environmental Resource Center
(800) 537-2372 www.ercweb.com

February 27-28

Basic Electricity for the Non-electrician
Elk Grove, IL
American Trainco
(877) 978-7246 www.americantrainco.com

February 28-March 1

Hazardous Waste Management: The Complete Course
Wyndham O'Hare
Chicago, IL
Environmental Resource Center
(800) 537-2372 www.ercweb.com

March 1-2

Electrical Troubleshooting & Preventive Maintenance
Elk Grove, IL
American Trainco
(877) 978-7246 www.americantrainco.com

March 2

DOT Hazardous Materials Training
Wyndham O'Hare
Chicago, IL
Environmental Resource Center
(800) 537-2372 www.ercweb.com

March 6-7

Boiler Operation Maintenance & Safety
Joliet, IL
American Trainco
(877) 978-7246 www.americantrainco.com

March 7 & 8

The Complete Course on Facilities Management
Cliffbreakers
Rockford, IL
National Seminars Training
(800) 258-7246 www.nationalseminarstraining.com

March 7-9

BUILDING ENERGY Conference & Trade Show
Boston's Seaport World Trade Center
www.buildingenergy.nesea.org

March 7-9

Facility Management Exhibition
Europe/European Facility Management Conference
Frankfurt Trade Fair
Frankfurt AM Main
www.efmc2006.com

March 7-9

National Facilities Management and Technology Conference/Exposition
Baltimore Convention Center
Baltimore, MD
www.nfmt.com

March 8-9

Understand Air Conditioning & Refrigeration Systems
Joliet, IL
American Trainco
(877) 978-7246 www.americantrainco.com

Mark your FM Calendar (Cont)

March 8-10

Mechanical System Design for Green Buildings
The University of Wisconsin-Madison
College of Engineering-Department of Engineering Professional Development
The Stardust Resort and Casino
Las Vegas, NV
(800) 462-0876 <http://epd.engr.wisc.edu/webH198>

March 9 & 10

The Complete Course on Facilities Management
The Drake Oak Brook
Oak Brook, IL
National Seminars Training
(800) 258-7246 www.nationalseminarstraining.com

March 10

Eminent Domain in Illinois
Hilton Garden Inn
Hoffman Estates, IL
Lorman Education Services
(866) 352-9539 www.lorman.com

March 13-16

Environmental Healthy & Safety for Building, Plant & Facility Maintenance

Chicago, IL

American Trainco
(877) 978-7246 www.americantrainco.com

March 14-17

IFMA Corporate Headquarters
Council Spring Meeting
Crowne Plaza River Walk
San Antonio, TX
www.ifma.org/learningv/events/management_summit/

March 15

IFMA's Management Summit
Crowne Plaza River Walk
San Antonio, TX
www.ifma.org

March 20

NFPA Fire & Life Safety – Management & Prevention
Chicago Marriott Schaumburg
Schaumburg, IL
National Fire Protection Association
(800) 344-3555 www.nfpalearn.org

March 20-21

Facilities Management
Cliffbreakers Comfort Suites
Rockford, IL
Fred Pryor Seminars
(800) 556-2998 www.pryor.com

March 20-21

Leading-edge Management Models – Capital Projects & Facilities Management
Hilton Head, SC
Tradeline, Inc.
(925) 254-1744 x 12 www.tradelineinc.com/conferences

March 20-21

Basic Electricity for the Non-electrician

Joliet, IL

American Trainco
(877) 978-7246 www.americantrainco.com

March 20-23

NFPA's Facility Safety & Preparedness Seminar Series
Chicago Marriott Schaumburg
Schaumburg, IL
National Fire Protection Association
(800) 344-3555 www.nfpalearn.org

March 21

NFPA Fire & Life Safety – Maintenance & Protection
Chicago Marriott Schaumburg
Schaumburg, IL
National Fire Protection Association
(800) 344-3555 www.nfpalearn.org

March 22

Emergency Evacuation Planning
Chicago Marriott Schaumburg
Schaumburg, IL
National Fire Protection Association
(800) 344-3555 www.nfpalearn.org

March 22-23

Electrical Troubleshooting & Preventive Maintenance

Joliet, IL

American Trainco
(877) 978-7246 www.americantrainco.com

March 22-23

Facilities Management
MCHC Conference Center
Chicago, IL
Fred Pryor Seminars
(800) 556-2998 www.pryor.com

March 23

NFPA 1600 Overview-How to Plan for Business Continuity
Chicago Marriott Schaumburg
Schaumburg, IL
National Fire Protection Association
(800) 344-3555 www.nfpalearn.org

March 23-24

Managing Risk in Real Estate
Gleacher Center (U of C)
Chicago, IL
Center for Real Estate/University of Wisconsin-Madison School of Business
www.bus.wisc.edu/wcre

Mark your FM Calendar (Cont)

March 27-28

Boiler Operation Maintenance & Safety

Elk Grove, IL

American Trainco
(877) 978-7246 www.americantrainco.com

March 27-28

The International Biocontainment Facilities Conference

St Petersburg, FL

Tradeline Inc.

(925) 254-1744 x 12 www.tradelineinc.com/conferences

March 28 – April 1

The 50th Annual CSI Show and Convention

Las Vegas, NV

The Construction specifications Institute

(800) 689-2900 opt 1 www.thescishow.com

March 29-30

Understand Air Conditioning & Refrigeration Systems

Elk Grove, IL

American Trainco
(877) 978-7246 www.americantrainco.com

April 10-11

Summit on Facilities for Emerging Sciences

St Petersburg, FL

Tradeline Inc.

(925) 254-1744 x 12 www.tradelineinc.com/conferences

April 10-12

The TFM Show

Navy Pier

Chicago, IL

www.thetfmshow.com

April 17-21

OSHA Safety Training

Radisson Hotel

Chicago, IL

National Seminars Training

(800) 258-7246 www.nationalseminarstraining.com

April 23-26

CoreNet Global Summit

Philadelphia, PA

CoreNet Global

(800) 726-8111 www.coreneglobal.org/philadelphia

April 24-25

Basic Electricity for the Non-electrician

Milwaukee, WI

American Trainco

(877) 978-7246 www.americantrainco.com

April 26-27

Electrical Troubleshooting & Preventive Maintenance

Milwaukee, WI

American Trainco

(877) 978-7246 www.americantrainco.com

May 1-2

Research Buildings

Boston, MA

Tradeline Inc.

(925) 254-1744 x 12 www.tradelineinc.com/conferences

May 2-4

2nd annual Green Design Solutions Conference: Mixed-Use Projects

Atlanta, GA

Environmental Design+Construction

(888) 530-0714 www.greendesignsolutions.com

May 8-9

Understand Air Conditioning & Refrigeration Systems

Milwaukee, WI

American Trainco
(877) 978-7246 www.americantrainco.com

May 10-11

Boiler Operation Maintenance & Safety

Milwaukee, WI

American Trainco
(877) 978-7246 www.americantrainco.com

May 16-19

IFMA's 2006 Spring Symposium

Hyatt Regency Cleveland at The Arcade

Cleveland, OH

www.ifma.org

June 4-8

NFPA World Safety Conference & Exposition

Orange Country Convention Center

Orlando, FL

National Fire Prevention Association

(800) 344-3555 www.nfpa.org/wsce

June 12-14

NeoCon World's Trade Fair

Merchandise Mart

Chicago, IL

www.neocon.com

June 19-20

The National Standard on Disaster/Emergency Management and Business Continuity Programs

(NFPS 1600)

Schaumburg Marriott

Schaumburg, IL

National Fire Prevention Association

(800) 344-3555 www.nfpalearn.org