The 2013 MASMS Conference
There is still time to sign up!
October 3rd & 4th

CONFERENCE HIGHLIGHTS
41 Educational Sessions
(See back page of the Newsletter for a full listing)
“The Trust Edge” Keynote Speaker
150+ Exhibitor Trade Show
Group Idea Exchange
Capstone Closing Session
Round Table Discussions
Banquet—Entertainment—Prizes

MASMS TIMELINE

New this year at the conference is a 35 foot long history timeline banner!
This banner will list event dates, association officers, etc.
Be sure to check this out!

Please put your thinking hats on. We are asking members to add to the banner. If you remember any dates, MASMS highlights, etc throughout the MASMS 35 year history, please take a minute at the conference and add it to the timeline banner.
The banner will be hanging in the hallway across from the Twins Room.

WEDNESDAY OCTOBER 2, 2013
Join us at the Dollars for Scholars Golf Tournament—Wapicada Golf Course, Sauk Rapids, MN
Support the MASMS Scholarship Fund
MASMS gives over $15,000 a year in scholarships to member’s children!
NEW MASMS MEMBERS!

**Business Members**
- James Azure, Solus LED
- Chris Blawat, Safe Latch/Brinlin LLC
- Brenda Christensen, Seminole Energy
- Seth DeGeest, Apex Facility Solutions
- Paul Engel, ABE Environmental Systems
- Mark Franz, Hirshfield’s
- Lee Hammer, Noresco
- Jim Israelson, Lube Tech ESI
- Michael Koalska, Larson Engineering
- Troy Kraemer, Lightening Graphics
- Nathanael Opperud, Johnson Controls
- Bryan Paulsen, Paulsen Architects
- Brian Prevost, HiLine, Inc.
- Mark Quale, Precision Concrete Cutting
- Jamie Quello, Peterson Sheet Metal Inc.
- Tom Quirk, Pella Northland
- Vic Schulz, Gard Dawg Industries Inc.
- Marc Reilly, Seminole Energy
- Bryan Tarrolly, American Time
- Matt Woodruff, Larson Engineering

**Educational Members**
- Glen Birnstengel, So. St. Paul Schools
- Jim Bright, Aitkin Schools
- David Kirsch, Eastern Carver Cty Schools
- Dave Kusinski, Bloomington Schools
- Kevin Larson, St. Olaf College
- Randal Notermann, Blackduck Schools
- Les Rirchards, Cornwell-Wright ISD #95
- Scott Stockdale, Kingsland Schools
- Dennis Sullivan,
- N St Paul/Maplewood,Oakdale Schools
- Denise Sundquist, Brainerd Schools
- Eugene Yasgar, Holdingford Schools
- Wayne Yust, Cambridge-Isanti Schools

Looking for networking opportunities?
The 2013 Conference is the place to be!
2013 MASMS Conference Entertainment
Wednesday Evening 10/2/13
C. Willi Myles
A veteran performer and an extremely funny guy, C. Willi Myles has the gift of connecting people through humor and storytelling that everyone can relate to.

Thursday Evening 10/3/13—Home Free Vocal Band
A cappella. Technically it’s what they do. But they are not your bow-tie barbershop quartet. They are a vocal band; which means they do more than sing – they recreate the entire band experience – engaging audiences in a rich blend of harmonies while entertaining them in good clean fun!

Outdoor Questions?
NaturalGreen is Your Answer!
NaturalGreen Services:

- Fertilization and Weed Control
- Lawn Care
- Landscape Design & Installation
- Irrigation Installation & Service
- Snow Removal & Ice Management
- Mulch Installation
The Green Decision

Submitted by: Tom Bauer, Garland

The decision-making process for the incorporation of rapidly renewable materials, as well as other sustainable raw materials into our buildings, is similar to the process that many families face each year as they decide between a real or artificial Christmas tree. As with the natural versus artificial tree decision, deciding to “go green” provides the obvious feel-good benefits of conforming to society’s desire for more natural materials, as represented by the LEED material resource guidelines, while underscoring the sustainability requirements central to the USGBC’s mission.

As with many of our building products, the harvest/extraction and manufacturing location are important factors. To meet the requirements of LEED MR Credit 5, the product must contribute to the project goal of having 10 percent or 20 percent of all of the raw materials extracted and/or harvested and manufactured within 500 miles of the project. According to the U.S. Department of Commerce, North American real Christmas trees are grown in all 50 states and Canada, while 80 percent of artificial trees worldwide are manufactured in China. Therefore, we have a clear advantage toward the real tree as long as we can find a tree farm within 500-mile radius of our home.

According to the USDA National Agricultural Statistics Service, it takes from four to 15 years to grow an evergreen tree of typical height (6 to 7 feet). The average growing time is seven years, which is well within the defined time period of the USGBC of 10 years. This short recovery period for the growers is achievable due to the fact that for every real Christmas tree harvested annually, one to three seedlings are planted the following spring. This creates a sustainable industry, making it a model that can be passed on to future generations.

For artificial trees, the concern lies in their fabrication, which is heavily based on polyvinyl chloride (PVC) plastic. To create PVC, you need petroleum, a non-renewable, carbon-emitting resource. In addition, the manufacturing, processing, and shipping of artificial trees creates greenhouse gasses (GHGs). While many consumers may think they are considering the environment when purchasing an artificial tree to prevent the harvest of a real tree, they may not be factoring in the entire manufacturing footprint.

Despite the seemingly complex decision-making process that accompanies the latest round of LEED requirements, comparing roof product selection to the simple selection of the family Christmas tree helps provide an understandable framework with which we can all identify. The newly adapted building product decision process, as outlined by the LEED program, is not as tough as it seems. By aligning your project goals with products that meet the established LEED criteria, you can create high-performance buildings that are a model of sustainably.

---

GIVING YOU MORE WAYS TO CARVE OUT SAVINGS

Natural gas equipment rebates offer great project savings

Score big on energy and rebate savings throughout your facility. But, you have to act now, as the deadline to submit rebate applications is Dec. 31, 2013.

**Rebate savings include:**
- Boiler and boiler system components and tune-ups
- Unit, condensing unit and infrared heaters
- Steam trap repair/replacement
- Condensing water heaters
- Custom projects
- Forced-air furnaces
- Foodservice equipment
- Natural Gas Energy Analysis

For more details, contact Key Account Manager Paul Albinson at 612-321-4323 (800-234-5800, ext. 4323) or Paul.Albinson@CenterPointEnergy.com

Learn more at CenterPointEnergy.com/MNeducation
2013 MASMS KEYNOTE SPEAKER

DAVID HORSAGER—THE TRUST EDGE!

David Horsager, M.A., C.S.P, is an author, entrepreneur, professor, and award-winning keynote speaker who researches and speaks on the bottom-line impact of trust. David’s signature speech and nationally best selling book, The Trust Edge, have inspired leaders and motivated teams toward greater results on four continents and across the U.S.

THURSDAY
10/3/13
AT 8:00 AM
Training Opportunities
Resource Training & Solutions

September 18th, 2013—2nd Annual Health Assistant Workshop

October 14, 2013     Annual Chemical Hygiene Officer Workshop
October 17-18, 2013  1st, 2nd, Chief & Special Boiler Operator’s License Prep
October 17-18, 2013  Certified Pool Operator’s
October 28, 2013     Power Limited Technician 8 Hr Continuing Education
April 8, 2014        Power Limited Technician 8 Hour Continuing Education
February 26, 2014    Annual Bloodborne Pathogens Update for School Nurses

More information at:
www.resourcetraining.com or contact Jodi Steinhofer at 320-255-3236. Workshop location: 137 23rd St. S. Sartell, MN 56377

FACILITIES MATTER
Do you need a building tune up, energy modeling and analysis, or an assessment of your facility systems?

Let ATS&R assist you in optimizing your facilities to provide safe and comfortable environments for your students and staff. Please contact Terry at 800.545.3731 or tocferrals@atsr.com.

FOUR SEASONS
Energy Efficient Roofing, Inc.

“A Roof FOR All Seasons”
White Green Wind Solar
Over 45 Years Experience
Commercial Residential Industrial
Elite Contractor
Flat Pitched Shingle
Environmentally Friendly
Energy-Efficient Leak-Proof Long-Lasting Durable
Let Us Fulfill Your Roofing Needs!
651-433-2443
www.fseer.com
The MASMS Memo Board

MASMS Executive Board Members

President — Mark Eisenbacher, Cambridge-Isanti Schools
President Elect — Kevin Johnson, Red Wing Schools
Vice President — Reed McFarlane, Lake of the Woods Schools
Past President — Mat Miller, Austin Schools

Secretary — Vince Elke, Eden Prairie Schools
Treasurer — Kevin Hildebrandt, Faribault Schools
Vendor Director — Dave Holm, Scanair

Conference Educational Sessions for 2013

**THE TRUST EDGE**
“The single uniqueness of the greatest leaders of all time is Trust.”

**PLAYGROUND SAFETY**
Safety, compliance, and maintenance.

**WHAT MAKES A CONDENSING BOILER**
Condensing boiler technology.

**WHO’S MASTER PLAN IS IT?**
Effective master planning can save money.

**AIR & VAPOR BARRIERS**
Learn how Air Barriers and Vapor Barriers are critical to saving energy.

**MAINTAINING PAVEMENT**
Options for Successful Maintenance.

**LEADERSHIP ROLE**
Leadership basics. How to run a meeting.

**CARE OF CAFETERIA TABLES**
Cleaning do’s and don’ts.

**HVAC FILTRATION**
IEQ, Sustainability, and Operational Impacts of HVAC Filtration Options

**NATURAL GAS RISK MGMT**
Market Trends & Supply Options

**ZERO PESTICIDE MAINTENANCE BALL FIELDS**
Turf management practices to minimize the use of herbicides, insecticides and fungicides.

**OPTIONS FOR LOW INPUT LAWNS**

**ACTIVE SHOOTER IN A SCHOOL**

**WHERE IS THE LEAK COMING FROM?**
Leak lessons from others’ experience!

**BREAKFAST BUFFET & GROUP IDEA EXCHANGE ON FRIDAY MORNING!**

**STATE OF MN ENERGY SAVINGS**
Energy Savings Performance Contracting as a tool to implement Energy Efficiency

**BEST PRACTICES IN WASTE PREVENTION & RECYCLING**

**IAQ CHALLENGES WITH POOLS**
Discuss challenges that facility managers face in providing a healthy pool.

**ADA REQUIREMENTS FOR BUILDING EXTERIORS**
ADA issues you should know about for your buildings’ exteriors and grounds.

**MICROSOFT EXCEL BASICS**
Learn the basics of MS Excel

**INCORPORATING 21ST CENTURY SYSTEMS IN A 20TH CENTURY BUILDING**

**MICROSOFT POWERPOINT BASICS**

**FIRE DOORS & HEALTHY WALK THROUGH DOORS**
What to know when servicing your doors.

**GROUNDS CARE IN-HOUSE VS. CONTRACTING**

**MINNESOTA ERK CHANGES TO MEET OSHA HAZARD COMMUNICATION STANDARDS**
Covers the impact of this new standard on schools and provide direction

**COORDERATIVE PURCHASING 101**

**TIPS & TRICKS FOR PAINTING**
Aspects to solve your concerns with slippery floors and corrosion problems.

**STORMWATER MANAGEMENT**
A Stormwater Facilities Maintenance Program is necessary for ensuring that stormwater management facilities are properly inspected and maintained.

**CRISIS MANAGEMENT 101**
Concepts and basics involved in maintaining a crisis management program.

**MAINTAINING AND PROTECTING YOUR CONCRETE FLOORS**
Types of industrial coatings, sealers and stains that can be applied to concrete floors, walkways and pool decks.

Round Tables—Friday October 4th
These are Small Group Discussions

**Topics:**
- Electrical Safety/State Regulations
- Energy Conservation Programs
- Safety Committee Supporting the Educational Mission
- Boiler Operation - MASMS Certification
- Turf/Grass/Trees - Technology

Classes qualify for AFE Continuing Educational Units and MASMS Certification