Oppportunities Abound as STMA Heads West!

STMA heads west, to Long Beach, Calif. from Jan. 10-14, 2012 for the 23rd Annual STMA Conference and Exhibition. Settled along five-and-a-half miles of sandy coastline, Long Beach is the quintessential vacation getaway, boasting both the ambience of a sophisticated urban center and the charm of a seaside community. Located just 20 miles south of Los Angeles, California’s fifth largest city offers visitors a dynamic range of attractions, shopping, recreational activities, art and culture, restaurants and nightly entertainment that make it an ideal destination for attendees.

As has been the case for several years, STMA has expanded the educational track, with more than 65 education sessions to choose from, organized into nine different educational tracks (you’ll learn more about these later in this article). All of this year’s sessions were selected with one thing in mind... you and your facility coming away with new opportunities, ready to be capitalized on when you return home.

As usual, there will be ample opportunity to network, visit with STMA commercial members and vendors at the trade show, and take away valuable, actionable lessons from world class educators. Make sure and check out page 21 of this article for What to Do Next, to ensure that you and your crew are able to attend this invaluable investment in you, your staff and your facility.

Conference Highlights

STMA Networking Sessions
Wed., Jan. 11, 4:30 - 5:30 p.m.

Members say that networking is one of the top reasons they join STMA. Thus, in addition to all of the networking opportunities throughout the conference, we’ve created a formalized networking kick-off. Network with professionals from facilities similar to your own! The forum is divided by category into separate sessions for schools K-12 facilities, colleges and universities, facilities used by professional athletes, parks and recreation facilities, academics and students.

Welcome Reception
Sponsored by Toro and Covermaster
Wed., Jan. 11, 7:30 - 10 p.m.

First-Time Attendees Reception – 7 - 7:30 p.m.

A must-attend networking event! Kick off the conference in style with the other influencers who are in Long Beach. Enjoy food and drink courtesy of Welcome Reception sponsors Toro and Covermaster.

SAFE Casino Night at the Welcome Reception
Wed., Jan. 11, 8:30 - 10 p.m.

The SAFE Foundation will be debuting Casino Night at the Welcome Reception at 8:30 p.m. with many games and opportunities to win prizes while supporting STMA’s charity.

Estimated Investment to Attend

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete Conference Package (Including meals and preconference workshops) – STMA Member</td>
<td>$375</td>
</tr>
<tr>
<td>Ground Transportation</td>
<td>$50</td>
</tr>
<tr>
<td>Misc. meals</td>
<td>$40</td>
</tr>
<tr>
<td>3 nights lodging at STMA official hotel</td>
<td>$639</td>
</tr>
<tr>
<td>Air Transportation</td>
<td>$340</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,444</strong></td>
</tr>
</tbody>
</table>

Remember, that’s an investment - not a cost! STMA’s previous conferences have delivered a return on investment of 1,375 percent! For a detailed ROI report, go to www.STMA.org and click on the Conference tab, 2011.

*There are ways to reduce your costs significantly. Just splitting the ride to and from the airport and sharing a room with one other person can reduce these costs by more than $340!*

Images courtesy of Destinations Magazine
STMA Annual Meeting & Lunch
Thurs., Jan. 12, 12 - 1:15 p.m.
Members Only
There is no scheduled Student Session during this time so that Students can now attend! Meet your new 2012 Board Members and hear about the association’s progress and goals while enjoying lunch.

STMA Annual Awards Banquet & Pre-Banquet Reception
Fri., Jan. 13, 6:30 - 10 p.m.
Enjoy fabulous food and beverage while honoring STMA award winners. Be a part of the surprise when STMA’s highest honors, the Founders’ Awards, are presented to four unsuspecting members.

Educational Program
The 2012 STMA Conference focuses on providing new ideas, recognizing opportunities and discovering solutions for managing sports facilities. Demonstrations, classroom education, roundtables, workshops, and networking all provide chances for sports turf managers to access information that will lead to success. The sessions have been organized into nine separate educational tracks, and we’ve implemented a session numbering system (100’s on Wednesday, 200’s on Thursday, and 300’s on Friday. Higher numbered classes do NOT necessarily mean advanced content, just that the session is later in the day.), to help you better manage your time on-site. We strongly encourage you to use the Schedule Builder and Trip Report STMA has developed to ensure that you and your facility maximize your investment in Long Beach.

SYNTHETIC
STMA 100 - Synthetic Turf: Concept, Design, Construction, Completion, Maintenance, and Lifecycle Planning
Wed., Jan. 11, 8 a.m. - 12:15 p.m.
Speaker: Mark Nicholls, Turf Industry Inc.
This workshop focuses on an in-depth analysis of synthetic turf.

Eric Boles
- Lead with Purpose
Eric Boles is a highly acclaimed speaker and consultant for some of the most recognized companies in the world – Starbucks, Boeing, Coca Cola and Southwest Airlines – to name a few. Prior to becoming an authority on teamwork, leadership and personal development, Eric learned many principles of team dynamics and leadership from his experience playing in the NFL with the New York Jets and Green Bay Packers. His presentation, Lead With Purpose, will help you become intentional in how you develop as a leader, and how you develop others to lead. Find out how your influence grows with your commitment and ability to create relationships. Learn how your personal character and integrity directly impact your ability to effectively influence people. Discover what is necessary to help achieve sustainable long-term results.

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Dr. Frank Rossi, Ph.D.
Meeting the Needs of Sustainable Sports Turf
Sponsored by World Class Athletic Surfaces
Thurs., Jan. 12, 8 - 10 a.m.
Keynote Speakers
General Session
Dr. Frank Rossi has been recognized among the most influential people in the golf, sports and lawn turf industry. He has spent the majority of his career in turfgrass science focused on improving the resource efficiency and environmental compatibility of turfgrass systems. He has served as lead turf consultant for the New York Yankees, Green Bay Packers, Lincoln Center for Performing Arts, the Randall’s Island Sports Foundation, and for the 2002 and 2009 US Open Golf Championships. His presentation will address the global aspects of sustainability and the demands that go beyond the recreational function of sports surfaces. Sports turf management, often focused solely on athlete safety, now must consider other impacts. Hear about how to leverage the social, economic, and environmental mission of sports turf management into an ideal opportunity to address the broader issue of sustainability.

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The point you begin to consider synthetic turf through the entire lifecycle of the field will be detailed in a chronological explanation. Topics covered will include design elements, specification considerations, vendor selection, project management, care and maintenance requirements, and lifecycle planning.

Attendees will learn:
- How to professionally identify, select, and procure a synthetic turf system to meet sports specific needs at your facility.
- Best Practices for the professional care and maintenance of a synthetic turf surface to extend the useful life and enhance the ROI.
- Routine synthetic turf testing to optimize performance and maximize safety.

STMA 209 – A Realistic Review of Maintenance Practices for Synthetic Turf Fields
Thurs., Jan. 12, 10:30 - 11:45 a.m.
Speaker: Mark Lucas, University of California – Davis

STMA 221 – Synthetic Turf Removal, Reclamation, and Recycling
Thurs., Jan. 12, 2:45 - 3:30 p.m.

STMA 305 – A Review of the NFL Synthetic Turf Game Day Standards and Synthetic Turf Base Construction
Fri., Jan. 13, 8 - 9 a.m.
Speaker: Dr. Andrew McNitt, Penn State University

STMA 306 – Sustainable Athletic Fields and Related Environmental Issues
Fri., Jan. 13, 8 - 9 a.m.
Speakers: Patrick Maguire, Activitas
David Nardone, Stantec Sport

STMA 317 – Artificial Turf Painting and Removal
Fri., Jan. 13, 2:45 - 3:30 p.m.
Speaker: Grant Davisson, Minnesota Vikings Football

SUSTAINABILITY
STMA 101 – Perceived and Real Environmental Impacts of Phosphorus
Wed., Jan. 11, 8:00 - 10:00 a.m.
Speakers: Dr. Gwen Stahnke, Washington State University - Puyallup
Dr. Elizabeth Guertal, Auburn University
Dr. Brian Horgan, University of Minnesota

STMA 102 – A New Era in Sports Turf Management
Wed., Jan. 11, 10:15 - 11:15 a.m.
Speakers: Kevin Mercer, St. Mary’s College of Maryland
Jim Sluiter, Audubon International

STMA 103 – Weed Control without Synthetic Herbicides
Wed., Jan. 11, 11:15 a.m. - 12:15 p.m.
Speaker: Dr. Douglas Linde, Delaware Valley College

The recent increase in public pressure to further restrict or ban synthetic pesticides on turfgrass has increased research on alternatives to synthetic pesticides. Currently there are very few viable alternatives to synthetic herbicides. Research from a study conducted from 2009-2011 investigates the effectiveness of 12 alternatives to synthetic herbicides for weed control in turfgrass. Results showed a wide range in weed control and cost. The results will be used to provide a basis for defining and describing alternatives to synthetic herbicides that could be used on sports fields. Field managers educated in this area will be better prepared to reduce reliance on
synthetic herbicides either voluntarily or if forced by legislation. This presentation will focus on:

- Understanding the public pressure being put on turfgrass managers to reduce or eliminate pesticide use.
- Various alternatives to synthetic herbicides for turfgrass and their advantages and disadvantages.
- How to incorporate alternatives into a sports field weed control program.

STMA 200 – Keynote Presentation: Meeting the Needs of Today without Compromising Tomorrow: Sustainable Sports Turf Thurs., Jan. 12, 8 - 9 a.m.
Speaker: Dr. Frank Rossi, Cornell University

STMA 208 – Environmental and Economic Considerations of Nitrogen Fertilization Thurs., Jan. 12, 10:30 - 11:45 a.m.
Speaker: Dr. Brian Horgan, University of Minnesota

AGRONOMIC

STMA 104 – Turfgrass Physiology for the Sports Turf Manager Wed., Jan. 11, 2 - 4 p.m.

STMA 107 & 205 – Back to Basics: Maintaining Natural Grass on Native Soil Wed., Jan. 11, 2 - 4 p.m. Repeated Thurs., Jan. 12, 10:30 - 11:45 a.m.
Speaker: Brad Jakubowski, Doane College

STMA 206 – Managing Turfgrasses During Drought Thurs., Jan. 12, 10:30 - 11:45 a.m.
Speaker: Dr. Ali Harivandi, University of California

Recreational facilities located in climates characterized by long, hot, dry summers must water turfgrasses to survive under hot, dry conditions. During drought conditions, cost and demand for water rises and facilities are under pressure to use water more efficiently. This presentation will focus on how turfgrasses use water, ability of turfgrasses to resist drought, irrigation practices, and smart cultural practices during drought conditions. Attendees will learn:

- How to reduce irrigation water use during water shortages to conserve water and cost and still keep turfgrasses alive.
- About soil-water-plant relationships to become more effective agronomists.
- How to modify other turfgrass management practices (mowing, fertilization, aeration) during water shortage periods to help turfgrass plants survive.

STMA 212 – Comparison of Synthetic and Organic Fertilizers for Sports Turf Thurs., Jan. 12, 1:30 - 2:30 p.m.
Speaker: Dr. Tony Koski, Colorado State University

STMA 223 – Bermudagrasses: New Varieties for Sports Turf and Management Tips from the Pros Thurs., Jan. 12, 2:45 - 4:15 p.m.
Speakers: Dr. John Sorochan, University of Tennessee
Dr. A.J. Powell, Jr., Retired – University of Kentucky
Darian Daily, Paul Brown Stadium
Leif Dickinson, Del Mar Thoroughbred Club

STMA 224 – Cool Season Turfgrasses: New Varieties for Sports Turf and Management Tips from the Pros
WHAT THE CONFERENCE INCLUDES

- Full day of pre-conference workshops
- More than 90 hours of education
- More than 8 dedicated hours with exhibitors
- 20 hours of networking
- Breakfasts and lunches
- Receptions and the 2012 STMA Awards Banquet

Thurs., Jan. 12, 2:45 - 4:15 p.m.
Speaker: Brad Park, Rutgers
Dr. Gwen Stahnke, Washington State University - Puyallup
Dr. John "Trey" Rogers III, Michigan State University
Bill Deacon, New York Mets
Tim VanLoo, CSFM, Iowa State University

STMA 226 – Deciphering Your Soil Test
Thurs., Jan. 12, 3:30 - 4:15 p.m.
Speaker: Dr. Elizabeth Guertal, Auburn University

STMA 228 – Turfgrass Physiology: Solar Radiation is the Driving Force of Sports Turf Management
Thurs., Jan. 12, 3:30 - 4:15 p.m.
Speaker: Dr. Karl Danneberger, Ohio State University

STMA 301 – Kentucky Bluegrass – Monostand or Blend
Fri., Jan. 13, 7:15 – 7:30 a.m.
Speaker: Dr. John “Trey” Rogers III, Michigan State University

STMA 304 – Turfgrass Management in the Transition Zone
Fri., Jan. 13, 8 - 9 a.m.
Speakers: Dr. A.J. Powell Jr., Retired – University of Kentucky
Dr. John Sorochan – University of Tennessee

STMA 307 – Sportsturf 101 - in Spanish - Céspedes Deportivos 101: En español
Fri., Jan. 13, 8 - 10 a.m.
Speaker: Jose Makk, Natura Turf
This seminar will provide a solid introduction to turfgrass management. Real cases will be presented that focus on turfgrass ecological impact, soil identification and common problems, nutrient balance, and turfgrass management and culture. The session will include a step by step approach to identify and diagnose some of the most common problems in turfgrass.
Attendees will:
- Learn principles of good turfgrass management.
- Be guided through a step by step process to identify turfgrass problems.
- Have the opportunity to ask questions and receive answers to specific turfgrass problems.

STMA 309 – Sports Turf PTI (Professional Turf Intelligence)
Fri., Jan. 13, 8 - 10 a.m.
Speakers: Dr. Frank Rossi, Cornell University
Dr. Roch Gaussoin, University of Nebraska
This session is a fast-paced debate style learning experience. Some of the toughest issues facing sports turf managers will be discussed, including synthetic versus natural turf care, low budget-high traffic, use of PGR’s, resodding fields, and infield skin care. Inspired by the ESPN show "Pardon the Interruption" the instructors will outline topics from their perspective, face some challenging questions, and banter about broader issues facing sports turf managers. Bring your questions for this unique educational experience.
Attendees will:
- Increase their awareness of the latest research on field safety, plant nutrition, and species selection and use.
- Have conventional wisdom challenged that will result in increased awareness of the latest developments in sports turf management.
- Be able to improve their ability to communicate to field users about topics that might be controversial through their engagement in the PTI process.
- Have the opportunity to ask questions and receive answers to specific turfgrass problems.
- Types of drainage options and how to identify the right option for your facility.
- Understanding how your maintenance program may be affecting sports field drainage.

STMA 310 – Irrigation Water Quality Evaluation and Management
Fri., Jan. 13, 9:15 - 10 a.m.
Speaker: Dr. Ali Harvandi, University of California

BASEBALL

STMA 105 – Sports Field Draining – Understanding Pitching and Mound Maintenance at the College and Professional Level
Fri., Jan. 13, 8 - 9 a.m.
Speaker: Larry DiVito, Minnesota Twins, Target Field
**STMA Conference and Exhibition Sponsors**

STMA and SAFE greatly appreciate the support and commitment of our conference sponsors. Please take a moment and thank these companies in the Exhibition!

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### Conference Program

**PROFESSIONAL DEVELOPMENT**

**Networking Sessions**

**Wed., Jan. 11, 4:30 - 5:30 p.m.**

Network with professionals from facilities similar to your own! The forum is split by the different segments of our membership. Attend the one specific to your employment situation: Schools K-12, Higher Education, Academics, Students, Parks and Recreation, and Facilities used by Professional Athletes.

**STMA 201 – Keynote Presentation:**

**Lead with Purpose**

**Thurs., Jan. 12, 9-10 a.m.**

Speaker: Eric Boles

**STMA 202, 203, and 204 – These sessions can be found in the Student Activities sidebar.**

**STMA 215 – Internships: Attracting Great Interns and Landing the Internship of Your Dreams**

**Thurs., Jan. 12, 1:30 - 2:30 p.m.**

Speaker: Dr. Douglas Linde, Delaware Valley College

**STMA 217 – Professional Development: Perception Versus Reality**

**Thurs., Jan. 12, 2:45 - 3:30 p.m.**

Speaker: Dr. Roch Gaussoin, University of Illinois

**STMA 218 – Lead with Purpose**

**Thurs., Jan. 12, 9-10 a.m.**

Speaker: Eric Boles

**STMA 219 – The Certification Process and Why You Should Become Certified**

**Fri., Jan. 13, 3:45 - 4:30 p.m.**

Speakers: Mike Andresen, CSFM, Iowa State University

**STMA 220 – Women’s Forum**

**Fri., Jan. 13, 3:45 - 4:30 p.m.**

Speaker: Lynda Wightman, Hunter Industries

**STMA 221 – Conference Wrap-Up: Hitting the Highlights of the 2012 Conference**

**Fri., Jan. 13, 4:30 – 5:00 p.m.**

Speaker: Pamela Sherratt, Ohio State University

**STMA 222 – Insect Control Update for 2012: an ever changing effort!**

**Thurs., Jan. 12, 8 - 10 a.m.**

Speaker: Dr. David Shetlar, Ohio State University

**STMA 308 – The Principles of Turfgrass Disease Diagnostics, Control Options, Modes of Action, and Fungicide Resistance**

**Thurs., Jan. 12, 10:30 - 11:45 a.m.**

Repeate - Fri., Jan. 13, 2:45 - 3:30 p.m.

Speakers: Dr. Joseph Vargas, Jr., Michigan State University

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**PEST CONTROL**

**STMA 210 & 320 – Reducing Annual Bluegrass (Poa annua) Populations in Cool Season Athletic Field Turf**

**Thurs., Jan. 12, 10:30 - 11:45 a.m.**

**Repeated - Fri., Jan. 13, 2:45 - 3:30 p.m.**

Speakers: Dr. Bruce Branham, University of Illinois

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**Matt Giese, Syngenta**

Annual bluegrass (Poa annua) is a problematic weed to control in cool season turf athletic fields due to its ability to tolerate low mowing heights, germinate rapidly, and elevated susceptibility to diseases, drought, and wear. This presentation will focus on annual bluegrass lifecycle and why it behaves as a perennial under turf culture, pre-emergence and post-emergence methods of control, soil seed bank supply, and cultural and mechanical control options. This presentation will provide attendees:

- A basic understanding of annual bluegrass biology and its adaptations/limitations.
- A review of management factors that favor/discourage annual bluegrass.
- A summary of control options and effectiveness along with current research regarding annual bluegrass control.

**STMA 214 – Renovation Tip: Using Herbicides to Prevent Weeds During Seeding of Cool Season Turfgrasses**

**Thurs., Jan. 12, 1:30 - 2:30 p.m.**

Speaker: Dr. Roch Gaussoin, University of Nebraska

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**STMA 217 – Pesticides:**

**Perception Versus Reality**

**Thurs., Jan. 12, 1:30 - 2:30 p.m.**

Speaker: Dr. Joseph Vargas, Jr., Michigan State University

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**STMA 308 – The Principles of Turfgrass Disease Diagnostics, Control Options, Modes of Action, and Fungicide Resistance**

**Thurs., Jan. 12, 10:30 - 11:45 a.m.**

**Repeated - Fri., Jan. 13, 2:45 - 3:30 p.m.**

Speakers: Dr. Joseph Vargas, Jr., Michigan State University

Dr. Karl Danneberger, Ohio State University

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**WHAT TO DO**

**18 SportsTurf | November 2011**

www.sportsturfonline.com
This presentation will go over the advantages and disadvantages to maintaining a sand-based rootzone. Focus will be on sand, soil, and organic matter selection, quality control during construction, and proper maintenance techniques long term. Attendees will learn:

- What a sand-based rootzone does and does not provide the end user.
- How to identify a quality sand and understand the reason for organic matter additions.
- The quality control process of building a sand-based rootzone from pre-bid rootzone approval through production and installation.

Attendees will learn:

- The process of critical thinking that goes into dealing with disasters.
- Emergency actions that require “thinking outside the box.”
- The importance of positive communication skills in dealing with all of the disaster stakeholders.

STMA 229 – The Importance of Safety and Potential Liabilities for the Sports Turf Manager

Thurs., Jan. 12, 3:30 - 4:15 p.m.

Speaker: David Schlotthauer, Brigham Young University

This presentation will focus on the newest product or service being offered. Participating companies include: DLF International Seeds, Innovative Base Technologies, Grigg Brothers, Stadium Grow Lighting, Carolina Green Corp., Redexim, Lebanon Turf, Hunter, ReadyPlay, and TXI Diamond Pro. This presentation will focus on the newest trends and technology currently available to sports turf managers.

STMA 205 & 206 – Friday – STMA 304; 310

Irrigation Association (IA) awards for these sessions: Wednesday - STMA 102; 104; Thursday – STMA 100; 101; 102; 103; 104; 105; 106; 107; Thursday – STMA 200; 205; 206; 207; 208; 209; 210; 211; 212; 213; 214; 225; Friday – STMA 303; 304; 305; 306; 307; 308

California Pesticide Recertification Credits can be earned for these sessions: Wednesday – STMA 103; 104; Thursday – STMA 210; 214; 217; 222; Friday – STMA 307; 308; 318; 320