Anderson Technologies, Inc.
We are a family owned and operated athletic field construction company built on integrity, productivity, and quality. We have specialized in all types of high quality field construction for more than 20 years. www.burnside-services.com

Butler Equipment
Butler Equipment is the most affordable and dependable aerator available. It is a one-pass solution for preparing field for turf. www.butlerent.com

C & H Baseball, Inc.
Bradenton FL
For over 25 years, C & H Baseball has been the industry leader in field equipment. It has had over 200 installations since 1996 and is your one-stop shop. www.chbaseball.com

Carolina Green Corp.
Indian Trail NC
Licensed sports field contractor specializing in the design, construction, renovation and maintenance of native or modified soil and sand-based fields. www.cgffields.com

Charles Williams & Associates
Fayetteville TN
Provider of proven varieties of sod including Tifway 419 Bermuda, Vamont Bermuda, Meyer Zoysia, Turf Type Fescue and Quickstand Bermuda. www.cwastd.com

Cloth Harbour & Associates, LLP
Albany NY
Landscape architect and builder creates practical, functional projects. www.cha-llp.com

Country Stone - Athletic Field Division
Milan IL
Provider of Redfield, infield topdressing and warning track mix. Our natural red lava provides for aesthetics, compaction control and drainage. www.countrystone.com

CoverMaster Inc.
Rexdale ON
A leading supplier of baseball/football athletic field covers, mound and plate covers, turf growth blankets, turf protective systems and protective wall padding. www.covermaster.com

Dakota Peat & Equipment
Grand Forks ND
We provide a wide range of material handling and spreading equipment. We also supply peat, blending services, material sourcing, and lab analysis. www.dakotapeat.com

Delta Bluegrass Company
Stockton CA
Specializing in USGA sand and peat grown turf blends for the sports industry. Also offers numerous turf management services. www.deltabluegrass.com

Desso DLW Sports Systems
The Netherlands
Offering a complete range of solutions specifically for soccer, hockey, rugby, football, tennis and basketball. Products include reinforced natural grass. www.dessodlw.com

Diamond Pro (TXI)
Dallas TX
Provides groundskeepers nationwide a complete line of professional groundskeeping products and equipment. www.diamondpro.com

Diversified Sports Specialties
Blaine MN
Provides turf managers perfect tools to make sure fields are lined to perfection. Supplies, Alphanumeric and Line-Up hash mark painting system to assist in this perfection are also available. www.dssworks.com

DuPont Turf Blankets
Syracuse NY
DuPont Turf Blankets create a greenhouse type environment promoting quicker green-up and deeper root penetration. www.parksite.com

Dura Plastic Products, Inc.
Beaumont CA
Provides PVC piping component needs nationally and internationally with a strong commitment to service and “Quality by Design.” www.duraplastics.com

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Reno NV
EaglePicher produces and sells Asia soil amendment and Playfield field conditioner. Axis is a complete overall soil amendment providing water savings and enhancing absorption of plant nutrients. www.eaglepicher.com

Earth & Turf Products, LLC
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Earth & Turf Products, LLC produces simple well-built topdressers for the sports turf industry. www.earthandturf.com

Eco Chemical, Inc.
Wyoming MI
EMCH Bros., Inc. design and build services for quality athletic fields.

Environmental Turf, Inc.
Vero Beach FL
Environmental Turf is a firm dedicated to the research, development, marketing and distribution of environmentally friendly warm-season turf grasses. www.environmental turf.com

Evergreen Synthetic Turf, LLC
Dalton GA
Evergreen Synthetic Turf, LLC is the oldest owned and operated manufacturer in the world with over 30 years of manufacturing experience. www.turfmill.com

Ewing Irrigation Products
Glendale CA
Ewing Irrigation Products is a turf irrigation and horticultural product wholesaler serving 19 states. www.ewingi.com

Excell Minerals
Berkeley Springs WV
Excell Minerals introduces a new specialty fertilizer named “Excellerator.” This custom turf product offers a unique micronutrient package with concentrations of calcium and soluble silicon. www.excellminerals.com

FieldMaster Infield Groover
Lenexa KS
Fieldmaster has 5 grooming tools: combination scarifier, leveling bar, roller, weight tray and sweep for a textured finish. www.fieldmaster.com

FieldMaster, Inc.
Richmond VA
Provides a wide range of material handling and spreading equipment. We also supply peat, blending services, material sourcing, and lab analysis. www.fieldmaster.com
MILLCREEK MANUFACTURING CO. 
Leola PA
Millcreek manufactures three sizes of topdressers. They are the Turf Tiger 4300 and the Turf Tiger Cubs models 3100 and 3200. www.millcreekmfg.com

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Milliken Turf has provided superior products to the turf market for 20 years. Our Emerald Isles product line offers foliar nutrition products derived from sea-plant extract. The Blazon spray pattern indicator is the only non-staining SPI of its kind. www.millikenturf.com

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Manufactures and distributes products used in athletic field marking, including bulk and aerosol paint, turf dye, stencils, application equipment and marking systems/accessories. www.missouriturfpaint.com

NEWSTRIPE, INC. 
Aurora CO
Newstripe is a manufacturer of walk-behind and ride-on field marking machines, drag mats infield groomers and stencils. www.newstripe.com

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Produces microbes used in high quality turf products such as biostimulants, micronutrients, mycorrhiza distributed by Cleary Chemicals. www.novozymes.com

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We are committed to providing sports turf managers with the finest, professional grade tools and accessories available. www.paraide.com

PARKS & REC. BUSINESS/NORTHSTAR PUBLISHING 
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Parks & Rec. Business is published monthly, and features the latest news and products, plus lively features and profiles. Dedicated to bringing the 15,000 parks and recreation professionals across North America the latest and best information to help them run their departments efficiently and profitably. www.parksandrecbusiness.com

PEAT, INC. 
Elk River MN
A unique golf, sports turf and horticulture peat supply company affiliated with Plaisted Companies which allows them to control the quality of the process from peat harvest to final mix. www.peatinc.com

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Provides high-quality warm- and cool-season turfgrass varieties such as Princess-77 Hybrid Seeded Bermuda and Applaud Perennial Ryegrass. www.penningtonseed.com

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As a leading developer of high performance turfgrass for more than 30 years, Pickseed West has been committed to high standards of performance that ensure reliable product availability, delivery and support. www.pickseedwest.com

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Specializes in providing quality stadium and athletic maintenance products. Sells striping machines, aerosol and bulk paints, stencils and field maintenance products. www.pioneer-mfg.com

PRO'S CHOICE SPORTS FIELD PRODUCTS 
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Premium sports turf products for all your soccer, football and baseball needs. Pro’s Choice is going the extra yard for healthy turf. www.proschoice1.com

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Manufacturer of specialized turf and ground care equipment produced especially for aeration, seeding, topdressing and environmental maintenance. www.redexim.com

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Moltan's Quantum Turf Technologies produces a line of professional soil conditioners for creating safe and superior athletic playing surface. Red Diamond CC

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Conditioners manage moisture, reduce compaction, promote healthier rootzones in turf areas and provide enhanced appearance and performance of any infield-skinned playing surface. www.moltan.com

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Griffolyn is a division of Reef Industries which manufactures athletic field covers that offer high strength, reinforced construction that resists tears, punctures and rough handling, yet is lightweight for ease of deployment with limited personnel. Reef also manufactures high quality durable gym floor covers, stadium covers, sideline covers, fungo tarps, and arena covers. www.reefindustries.com

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Manufactures and markets a wide variety of water hose reels including the DGM underground retractable hose reel system for sports turf applications. www.reelcraft.com

REIST INDUSTRIES, INC.  719
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Serves the national and international markets offering custom machine shop innovations and the ESAB Sabre 3000 high current Plasma Cutter. www.reistindustries.com

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Rhizomatous Tall Fescue (RTF) is a new type of tall fescue, which produces rhizomes. The RTF Turf Producers Association controls the production of RTF sod and maintains the highest quality standards for RTF sod. www.abourturf.com

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SioLogix offers premium fertilizers and organic soil conditioners that use a process called carbon fertilization to combat the negative effects that salts, chemicals and pesticides have on the soil. The products clean the soil of harmful chemicals, accelerate recovery from wear and damage and produce full healthy turf and ornamentals. www.siolex.com

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SOUTHERN GREEN, INC.  201
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Proud to be North America’s #1 sports surfacing company. Sportexe manufactures 108 different artificial turf products and supplies over 13,000 sports equipment products. www.sportexe.com

SPORTSTURF MAGAZINE/GEEN MEDIA  202
Chicago IL
The official magazine of the Sports Turf Managers Association. www.greenmedianline.com

SPORTS TURF COMPANY, INC.  522
Whitesburg GA
Sports field construction company specializing in general contracting, construction management of design/build projects, construction/renovation of athletic fields for municipalities, schools, colleges/universities and professional teams. www.othergeorgiaturf.com

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Boynton Beach FL
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Wayne PA
Sprinturf is the single largest provider of synthetic turf systems in the United States. A vertically integrated company that provides solutions for stadiums, lawns, golf courses, playgrounds, and more. Sprinturf has developed many innovative products among them the ground-breaking Ultrabrade fiber. www.sprinturf.com

STABILIZER SOLUTIONS, INC.  318
Phoenix AZ
Specializes in field products such as Hilltopper Mound Clay, Stabilizer infield mixes, and TurfGrids fibers for all types of turf reinforcement. www.stabilizersolutions.com

SUBAIR SYSTEMS, LLC  207
Graniteville SC
Products and services include sub-surface aeration and hydronic temperature control. www.subairsystems.com

SUN GRO HORTICULTURE, INC.  235
Simpsonville SC
Sun Gro Horticulture is the largest producer of Canadian sphagnum peat moss in Canada. Sun Gro specializes in sport field peat moss. www.sun gro.com

SUPATURF PRODUCTS USA  1105
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Supaturf’s Topline System of innovative line-marking machines and high quality paints provide convenience, cost savings and outstanding lines. www.supaturf.com

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Sustane granulated slow release fertilizers replenish the soil with a rich supply of humus and the essential nutrients required for long-term soil building and plant growth. www.sustane.com

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Syngenta is the basic manufacturer of quality fungicides, herbicides, insecticides and plant growth regulators. www.syngentaprofessionalproducts.com

SYNTHETIC TURF COUNCIL  206
Delton GA
Synthetic Turf Council is a trade organization representing the synthetic turf industry. www.syntheticturfcouncil.org

TERRAPLAS USA RENTALS, LLC  1035
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The leader in field protection services with hundreds of U.S. clients. "Protecting your turf as if it were our own." www.terraplasusa.com

TIFTON TURF FARMS, INC.  419
Tifton GA
Tifton Turf Farms provide certified sod/sprigs, laser grading, athletic field construction and renovation.

THE TORO COMPANY  301
Bloomingtom MN
Manufactures turf and irrigation equipment for a wide range of sports turf applications. Products include rotary and reel mowers, vehicles and turf cultivation equipment. www.toro.com

TURBO LINK INTERNATIONAL, INC.  308
Clearwater FL
Turbo Link International, Inc. is capable of building natural or synthetic fields including site preparation and drainage systems. We are the sole distributor for Polytan synthetic turf and track systems in the United States. www.turbolinkintl.com

TURF DIAGNOSTICS & DESIGN  325
Linwood KS
A soil testing and agronomic consulting company. www.turfdiag.com

TURF-SEED, INC.  823
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Turf-Seed, Inc. is a family-owned company providing premium turfgrass seed to the sports turf industry, worldwide. www.turf-seed.com

TURF SPECIALTIES, INC.  914
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Manufacturers fine turf, 3-point hitch verticut equipment for athletic fields. www.turfspecialties.net

TURFACE ATHLETICS  607
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TurfAce provides sports field conditioners to amend infill for safe playing surfaces. www.turfface.com

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Develops many innovative products among them the ground-breaking Ultrabrade fiber. www.sportexe.com

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Sisco offers premium fertilizers and organic soil conditioners that use a process called carbon fertilization to combat the negative effects that salts, chemicals and pesticides have on the soil. The products clean the soil of harmful chemicals, accelerate recov...
exhibitors

TURFCOMFG. INC./NATIONAL MOWER CO.  901
Wayne PA
Provides renovation equipment for turf and lawn maintenance while supplying aerators, dethatchers, dog fence installers, edgers, overseeders and sod cutters to get the job done. www.turfco.com

TURFGRASS AMERICA  601
Bay City TX
Dedicated to providing the highest quality sod and sod-related services. www.turfgrassamerica.com

TURF-TEC INTERNATIONAL  421
Coral Springs FL
Manufactures soil samplers, infiltrometers, penetrometers, and various testing equipment for sports fields. www.turf-tec.com

TY-CROP MANUFACTURING LTD.  113
Rosedale BC
Designs and manufactures simple material handling and topdressing equipment. www.tycrop.com

US SPECIALTY COATINGS  722
Norcross GA
We manufacture all of our own paints. All paints are guaranteed not to harm grass. We carry all field accessories and equipment needed. www.usspecialtycoatings.com

VALLEYCREST COMPANIES  323
Calabasas CA
Provides the entire range of landscape services including irrigation, hardscapes, and sports turf. www.valleycrest.com

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<td>Larry Helms holds a Ph.D. from the University of Michigan and a post-doctoral certificate in management from Harvard University. He is a former Fulbright Scholar, Standish Evans Scholar, and has authored five books and numerous articles. He is regarded as one of the nation's leading authorities in adult learning and behavioral change. He holds the Certified Speaking Professional (CSP) designation, the highest earned award given by the National Speakers Association. Success doesn't just &quot;happen&quot; in professional life. To be successful, or to &quot;win&quot; requires positioning yourself to take certain necessary steps. Learn how realistic self-discipline, self-control, hard work, and other strategies come together to help position you for the future.</td>
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THURSDAY, JANUARY 19
8:00 - 8:20AM
Welcome to STMA's 25th Year
Mike Trigg, CSFM, STMA President, Waukegan Park District
8:20 - 9:30AM
A View to the Past - Panel Presentation
Moderator: Gil Landry, Ph.D.
Panelists: Steve Wightman, Joe Matz, Williams, Steve Cockerham
Hear reflections of the industry from those who lead the profession through the years to its cant place in the sports world today. An informal conversation with a panel of industry about

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various changes that have occurred over the past 25 years.

9:30 - 10:15AM
The Future of the Profession
Andy McNitt, Ph.D., Pennsylvania State University
Dave Minner, Ph.D., Iowa State University
Learn what's on the horizon for the sports turf manager in the emerging technology for equipment, turfgrasses, design and construction, facility management. Also learn about new sports that will challenge the role of sports turf managers.

CONCURRENT SESSIONS
1:30 - 4:00PM
There will be 4 concurrent sessions with 3 presentations of 50 minutes each.

Athletic Field Management
Moderator: Lance Tibbetts, CSFM
1:30 - 2:20PM
Your Role in Facility Risk Management
Eric Fasbender, University of Oregon Athletics
More and more groundskeepers have to contend with outside users in our facilities. This talk will address how to protect and your facility against usage from these groups. Heavy emphasis on planning and communication will be covered.

2:20 - 3:10PM
The Intramural Blues - Managing Intense Traffic and Multiple Sports
Sam Jones, University of Delaware
Jim Cornelius, West Chester Area School District
Nick Gammill, CSFM, American University
The ability to convince a School Board and the public as to why limiting athletic fields to minimal outside group use and protecting the fields for school athletes is in the best interest of everyone. Even with the limited number of fields available it can be done with proper documentation and truthful facts. This talk will also focus on maintenance programs for overused intramural fields.

3:10 - 4:00PM
Getting Everyone on Board to Perform
Greg Petry, Waukegan Park District
With limited budgets and tight deadlines, it is essential that everyone work together to produce the desired results. We need to mobilize all of our resources to meet the needs and demands of those we serve. Building commitment, trust, and cooperation amongst your staff will be explored.

Managing the Bermudagrass/Ryegrass Transition
Moderator: George Trivett, CSFM
1:30 - 2:20PM
Cultural and Chemical Strategies to Remove Overseeded Perennial Ryegrass from Bermudagrass

2:20 - 3:10PM
Bermudagrass and Ryegrass - Making the Transition in the Deep South
Leo Goertz, Texas A&M University
James McAfee, Ph.D., Texas A&M University
"The quick and easy of Ryegrass transition in the deep south. For this transition process to work, it is impor-
tient to select the proper herbicide and to apply it at the correct rate and proper time. This talk will describe the methods of overseeding Bermudagrass with Ryegrass and the methods used to transition back to Bermudagrass that are used on the athletic fields at Texas A&M.

3:10 - 4:00PM
Managing Bermudagrass and Ryegrass in the Transition Zone
John Sorochan, Ph.D., University of Tennessee
Bob Campbell, CSFM, University of Tennessee
This talk will focus on the benefits and detriments of overseeding perennial Ryegrass into Bermudagrass athletic fields. Seeding date and rates will be discussed. Also, spring Ryegrass transition and reasons for poor Bermudagrass winter survival and spring green-up will also be discussed.

Eco-Balanced Athletic Fields
Moderator: Jay Warnick
1:30 - 2:20PM
Implementing IPM Strategies for Athletic Fields
Roch Gausson, Ph.D., University of Nebraska
Integrated pest management (IPM) involves a set of decisions designed to minimize chemical inputs without compromising turf quality. First and foremost in the decision process is agronomically sound cultural practices. This presentation will focus on these practices with emphasis on long-term health and function of athletic turf.

2:20 - 3:10PM
Water Quality Issues for Athletic Fields
John Cisar, Ph.D., University of Florida, IFAS Research & Education Center
This presentation is geared toward things that athletic field managers can do to improve agrichemical efficiency and reduce potential off-site losses of natural resources. Water quality issues and protection will be discussed. Practical management strategies that help protect water quality such as incorporating efficient irrigation, fertilizer application methods and sources of fertilizer will be offered to the end-user.

3:10 - 4:00PM
Athletic Field Management: The Why's and How's of a Return Program
Chip Osborne, The Living Lawn Project
This presentation will explore the reasons why we should consider a natural turf management program and the basic steps to begin to implement one.

Research You Can Use
Moderator: Dave Minner, Ph.D.
1:30 - 2:20PM
Warm Season Athletic Field Research Update
Grady Miller, Ph.D., University of Florida
Will update the group on warm-season research projects being conducted in Florida. Highlighted studies will include research in water distribution, weed control, turf colorants, soil amendments, and fertility. A highlight of the presentation will be the new multi-million dollar turfgrass research center that is under construction near Gainesville, FL.

2:20 - 3:10PM
Cool Season Athletic Field Research Update
Andy McNitt, Ph.D., Pennsylvania State University; Dave Minner, Ph.D., Iowa State University
These researchers will bring you up to speed on the latest research related to traffic tolerance, high seeding rates, and Ryegrass/Bluegrass competition.

Speaker Presentations

3:10 - 4:00PM
Graduate Student Scholarship Winners Research Project Presentation

FRIDAY, JANUARY 20

CONCURRENT SESSIONS
8:00 - 10:00AM

# 1 Schools K-12
Moderator: Tom Curran
8:00 - 8:30AM
Motivation and Innovation, Trying to Do Things on a Limited Budget
Floyd Perry, Grounds Maintenance Services
Provides practical information for identifying wear problems and addresses potential solutions. It will attempt to answer the question, "How much wear can my field take?"

8:30 - 9:00AM
Dealing with Wear on Sports Fields
Grady Miller, Ph.D., University of Florida
Provides practical information for identifying wear problems and addresses potential solutions. It will attempt to answer the question, "How much wear can my field take?"

9:00 - 9:30AM
Managing Wear and Tear on K-12 Fields
John Mascaro, Turf-Tec International
This talk will take you on a visual journey of real world situations showing wear and tear on athletic fields. It will also address how to manage these stresses and grow the best turf for your area. Understanding wear and tear on turf will lead to better turf and safer fields.

9:30 - 10:00AM
Practical Fertilization for Sand-based Athletic Fields
John Cisar, Ph.D., University of Florida, IFAS Research & Education Center
Fertilizer timing, rates, sources, and application methods in relation to turfgrass needs will be discussed with an objective of getting the most out of your fertilizer budget and the best management strategies for athletic fields. Practical information on the nutritional needs of grass and the fertility of the sand-based soils that many fields are maintained on will be highlighted.

# 2 Parks & Recreation
Moderator: Bud Nolder
8:00 - 8:30AM
Practical Maintenance of Athletic Fields
Preston wide #2 Parks & Recreation
With focus on region specific challenges for poor Bermudagrass winter survival and spring green-up, this presentation will try to answer the question that "How much wear can my field take?"
9:00 - 9:30AM
How to Keep your Participants Happy with 7 Games a Day
Bill Berry, Cherry Park, SC
Would anyone schedule 7 games a day for 36-40 weeks a year? This talk will provide information on maintaining highly used fields.

9:30 - 10:00AM
Tools for Conducting a Water Audit and Diagnosing Soil Conditions
Richard Sanger, CPRP, CLIA, Sarasota Parks & Recreation Department
Ron Kelly, Sarasota Parks & Recreation Department
Tools for conducting a water audit and diagnosing soil conditions. Lecture, PowerPoint presentation, and demonstration the reason for an irrigation water audit to determine if water is being applied uniformly to the turf, and how soil conditions impact watering practices. In-class demonstration of soil instruments for measuring soil parameter impacting irrigation is included.

#3 Professional Fields
Moderator: Darian Daily

8:00 - 8:40AM
Managing Non-Sporting Events
Abbey McNeal, CSFM, Denver Broncos
Brief overview of how we at Invesco Field manage non-sporting related events.

8:40 - 9:20AM
Dealing with the Aftermath of the Super Bowl
Nick Fedewa, SMG/Jacksonville Jaguars
This talk will focus on the process of preparing the field at Alltel Stadium for the pre-season after the Super Bowl.

9:20 - 10:00AM
Baseball Infield Mixes - Panel Discussion
Craig Potts, Texas A&M University
Mike Schiller, CSFM, Sodexho-Lake Academy
Paul Terrell, University of Georgia
Luke Yoder, San Diego Padres
Some baseball infield skin materials are used nationwide while others are developed from local materials. Strategies to manage the infield skin will depend on geographic location, rainout expectations, level of play, budget, and several other factors that will be discussed by this panel to help you select and develop a strategy to manage your infield skin. In this panel discussion, you will hear a variety of infield mix strategies, different soil properties, and how they effect turf management.

Sports Field Student Challenge Exam
Student Exam Moderator: Steven Ries
Student Exam Coordinator: Steve Cockerham

8:00 - 10:00AM
PM WORKSHOPS
3:00 - 5:15PM
Workshop #1
Proven Techniques to Enhance your Influence and Effectiveness
Mark Esoda, CGCS, Atlanta Country Club
This workshop will portray the challenges course superintendents face and work to solutions. The challenges and solutions are similar to those in the sports turf area. Challenges include public perception, visibility and communication skills.
Workshop #5
Managing Microbials in your Athletic Field: Can they Work for You?
Elizabeth Guertal, Ph.D., Auburn University
A boss’s perspective of what students and novices entering the sports field industry should know. Agronomics is only one of the many tools necessary for a successful manager.

Workshop #6
Developing a Comprehensive Master Plan to Improve Your Facilities and Reduce Field Overuse
Francois Hebert, Landscape Architect, DSSS (Design and Solutions for Sports Surfaces)
This workshop will explore the process of developing a comprehensive plan to deal with many of the issues relating to the management of multiple fields that are often overused due to excessive demand. Administrators, coaches, sports field managers and city planners will want to attend this practical workshop that explores the many facets of long term and integrated planning of the construction of new fields, both natural and synthetic, the maintenance and renovation of existing fields, as well as strategies aimed at the necessary curbing of destructive overuse. All this must be attained by taking into account the needs and constraints of users, planners and sportsfield managers.

Workshop #7
Building Athletic Fields- Construction, Renovation, Root Zones, and Irrigation that Fits Your Budget
Mark Heinlein, The Motz Group; Chuck Darrah, Ph.D., CLC LABS; Boyd Montgomery, CSFM, The Toro Company
This talk will cover high dollar and low dollar practices for field renovation. Economic rootzone mixes will be covered, specifically sand and soil combination and modified rootzones. Also, when cost cutting should and should not be done.

Workshop #8
Irrigation Systems for Sports Fields - Common Mistakes, Irrigation Audit, and Hydraulic Misconceptions
Brian Vincelli, Irrigation Consulting, Inc.
This workshop will outline common errors in sports field design and installation. A hands-on irrigation system audit will be performed on one of Disney’s Wide World of Sports baseball fields. Additionally, piping hydraulics will be demonstrated and discussed using on site hydraulics training area in place at Disney World. Participants will have the ability to discuss their problems and experiences with sports turf irrigation systems.

Outdoor Demonstrations
1) Equipment Calibration

SATURDAY, JANUARY 21
CONCURRENT INTERACTIVE WORKSHOPS
8:00AM - 12:00PM

Workshop #1
Laminate Interpretation, and how the products differ from fertilizers will also be discussed.

Workshop #2
Applied Math for Sports Field Managers
Brad Jakubowski, University of Nebraska College of Technical Agriculture
This workshop covers the practical aspects of turfgrass mathematics and will help certification candidates prepare for the CSFM exam. Topics covered will include topdressing, irrigation, seeding rates, fertilizers and pesticide applications. Attendees are invited to bring examples from their own experiences to be used as workshop examples.

Workshop #3
Experiences with Rubber Infill Systems and Task Force on Synthetic/Natural Turfgrass Field Panel Discussion
Debbie Kneeshaw, Delta Sports Complex, City of Portland; Aaron Boggs, University of Louisville; Abby McNeal, CSFM, Denver Broncos Chair, Synthetic/Natural Turfgrass Task Force
The panel will discuss their experiences with rubber infill fields. Ms. Kneeshaw will share her experience at Delta Park concerning long term wear of the oldest Field/Turf synthetic rubber infill field in the United States. There will also be an overview of white sheet synthetic natural grass.

Workshop #4
Student Workshop
A workshop designed to address the needs of the sports turf management student.

To Understand the Present, Investigate the Past
Kent Kurtz, Ph.D., Cal Poly Pomona

Workshop #9
Outdoor Demonstrations
Concurrent Interactive Workshops
SATURDAY, JANUARY 21

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John Souter, Consultant
Learn about the people, places and things that helped shape the STMA and IOG in the United States and Europe.

Making the Transition from Student to Professional Sports Field Manager
Karsten Blackwelder, Roger Dean Stadium
Just 3 years ago, Karsten was a university student much like you. Now he is the Sports Turf Manager for a professional baseball facility. Mr. Blackwelder will share his transition story about communication, proper planning, dealing with your new crew, and what it means to go the extra mile. He will also discuss his experience with hurricanes, drought and transition of grasses.

You're hired! Now What Do I Need to Know?
Steve Wightman, Qualcomm Stadium
A boss’s perspective of what students and novices entering the sports field industry should know. Agronomics is only one of the many tools necessary for a successful manager.

Workshop Examples.
Roch Gaussoin, Ph.D.,
University of Nebraska
GPA, PSI, WDG, XR, flat tire, 8002. Ft2. AI. Confused?
You won’t be after this hands-on workshop.

2) Innovative and Creative Ideas to Save Time, Money and Effort
Floyd Perry,
Grounds Maintenance Services
When ideas arise, don’t take on a negative “it won’t work” attitude. A rough idea can become a strong one with a little hard work. Cut down on wasted time and effort by using your mind instead of your muscle.

3) Infield Skin Mounds & Plate Maintenance
Preston Courtney, Disney’s Wide World of Sports
Get an expert demonstration of how the sports management crew at Disney takes care of the skin, mound and plate areas at their baseball complex.

Fertilizers
Fertilizers for Sports Fields
Bradley Jakubowski, University of Nebraska College of Technical Agriculture
Fertilizers and Plant Interactions
Tom Samples, Ph.D., University of Tennessee
Sports turf requires balanced nutrition. However, solubility, the rate of nutrient release, the density, size, and uniformity of particles and the price often vary among today’s fertilizers. Information presented during this hands-on workshop is intended to help managers maintain healthy turf grasses by selecting and applying fertilizers that will deliver the desired results within budget.

Online Resources
Using Turf Online Resources - TGIF and More
Pete Cookingham, Michigan State University
Whether you think you have a good handle on how to use the Web in your job, or if you’re uncertain of how to use it effectively - come learn about online resources for turf, search tips and tricks, saving time getting around what sometimes seems to be nothing but sidetracks, evaluating sources, and contribute yourself to a lively session about how to maximize your professional gain from the online world.

ROUND-TABLE DISCUSSIONS
1:30 - 3:30PM
Compost Topdressing
Mike Andresen, CSFM, Iowa State University
Paint Issues on Athletic Fields
Grady Miller, Ph.D., University of Florida
Non-Grass Sport Surfaces
Tra DuBois, World Class Athletic Services, Inc.

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