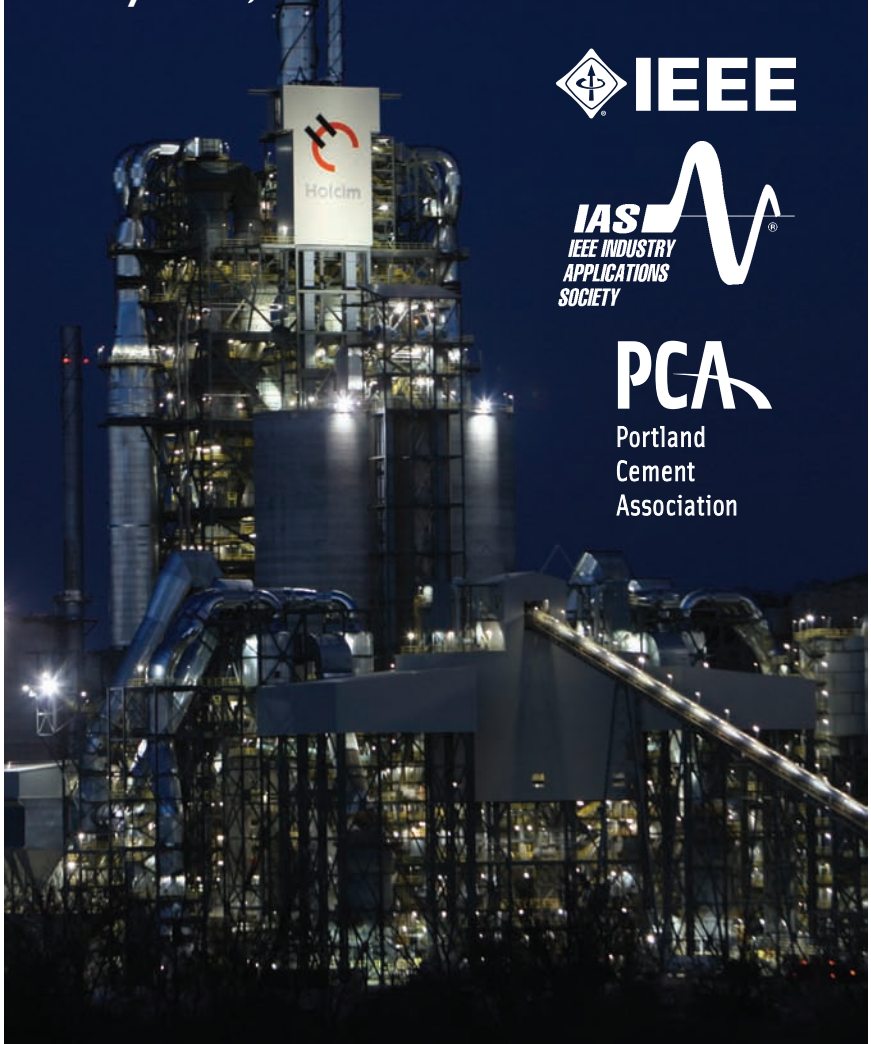


CONFERENCE PROGRAM

2011 IEEE-IAS PCA
St Louis, MO
53rd Cement Industry
Technical Conference
May 22-26, 2011



53rd IEEE-IAS PCA Cement Industry Technical Conference



*Above: Buzzi Unicem, Festus Plant
On the Cover: Holcim, Ste. Genevieve Plant*

Welcome to St. Louis, the gateway to the west!

The St. Louis Conference Committee welcomes you to the 2011 Cement Industry Technical Conference. The Cement industry faces unparalleled challenges. An avalanche of new and changing environmental regulations combined with a significant drop in cement demand since its peak in 2005 is drastically changing the industry.

We cannot control most of these factors. We can however engage the industry, its engineers, equipment suppliers and designers to equip us with the latest technology to successfully respond to these challenges. The conference program will offer you many opportunities to learn how to handle issues your company or facility are facing.

In addition to networking with the best and brightest people of our industry, you will have a chance to see the best and brightest technology in the form of the newest and largest plants; both located about 40 miles south of St. Louis. You can tour the new Buzzi Unicem 7,000 tpd Selma plant as well as Holcim's, 12,000 tpd Ste. Genevieve plant. Both plants came on line in 2009



and feature the latest in large plant equipment from a vast array of different suppliers and are among the most energy efficient plants in the world today.

The popular Environmental workshop held last year will be continued this year with a new set of current topics relevant to challenges we are facing. In addition, tutorials and technical papers drill down to focus on topics of most concern to you and your company's operations.

The St. Louis Conference Committee hopes you enjoy the programs we have scheduled at the conference as well as getting a chance to see and enjoy the St. Louis area.

Sincerely,
Jeff Ouhl
2011 Committee Chairman



WELCOME



GOVERNOR OF MISSOURI

JEFFERSON CITY
65102

JEREMIAH W. (JAY) NIXON
GOVERNOR

P.O. Box 720
(573) 751-3222

February 14, 2011

Greetings:

It is my honor to welcome you to the 53rd annual IEEE Cement Conference in St. Louis. I am delighted that you chose St. Louis as your host state for this event. I extend my sincere congratulations on another successful year, and thank you for advocating on behalf of the cement manufacturing industry.

As the world's leading professional association for the advancement of technology, I hope you enjoy your tour of the Holcim (US) Inc. Ste. Genevieve Plant, along with the Buzzi Unicem USA Festus Plant.

Again, congratulations on your 53rd annual conference and best wishes for an enjoyable gathering.

Sincerely,

A handwritten signature in black ink, appearing to read "Jay Nixon".

Jeremiah W. (Jay) Nixon
Governor

www.governor.mo.gov

WELCOME



Dear 2011 IEEE-IAS/PCA Cement Industry Technical Conference attendees,

Welcome to St. Louis! On behalf of the 2.8 million residents of the metropolitan region, we'd like to thank you for visiting our hometown.

I hope that all of the IEEE-IAS/PCA Cement Industry Technical Conference attendees enjoy exploring our collection of unique, world class museums and attractions while you're in St. Louis. The Gateway City features an abundance of cultural options, sporting events, family-friendly attractions and an eclectic array of dining options. We're proud to welcome your group to our community.

Once again, thank you for choosing to meet in St. Louis and we hope you'll visit us again soon.

Sincerely,

A handwritten signature in black ink that reads "Francis G. Slay". The signature is written in a cursive, flowing style.

Francis G. Slay
Mayor, City of St. Louis

GENERAL CONFERENCE NOTES

Conference Registration

Conference Registration is located immediately adjacent to Hall I of the America's Center Convention Complex on the first floor. Please use the Washington Street entrance for convenient access.

Registration will be open:

Sunday May 22nd, 12:00 pm - 5:00 pm

Monday, May 23, 7:30 am - 5:00 pm

Tuesday, May 24, 7:30 am - 5:00 pm

Wednesday, May 25, 7:30 am - 1:00 pm

The full conference registration fee includes a single copy of the Conference Record (CD format), the conference luncheons on Tuesday and Wednesday, Exhibits, Awards Reception and Banquet, and Plant Tours. Spouse registration allows for attendance to all the scheduled events with an accompanying full conference registrant for participants in the Technical Program. Full Registration in the Spouse Program or Full Conference Registration allows for participation in any Spouse Program Activity. Spouse Tour activities must be registered separately.

Technical Sessions

All conference technical sessions will be held on the 2nd floor of the America's Center Convention Complex. All Tuesday sessions take place in the Room 220 complex. Sessions on Wednesday will take place in the Room 230 complex and the Room 240 complex. Everyone must have a conference badge for entry.

Conference Luncheons

The Keynote Address Luncheon on Tuesday and the Chairman's Luncheon on Wednesday will both be held in the 100 level complex on the 1st floor of the America's Center Convention Complex. Both Luncheons are open to all conference attendees.

General Reception and Awards Banquet

The banquet reception will be held in the area adjacent to the Room 220 complex, called the Prefunction. The Banquet will be held inside the Room 220 complex.

Photos

Photos are not permitted during the plant tours.

In connection with the St. Louis IEEE conference, the conference sponsors will be taking candid photographs of conference attendees (for use in connection with the conference's awards banquet). Your attendance at and participation in the conference constitutes your consent to the use of your likeness in such photos without any compensation.

SCHEDULE

Sunday, May 22, 2011

7:00am - 8:00am	IEEE-IAS CIC Working Group Chairs Breakfast (closed)	Benton*
8:00am - 9:00am	IEEE-IAS CIC Nominations Committee Meeting (closed)	Parkview*
9:00am - 12:00pm	IEEE-IAS CIC Executive Committee Meeting (closed)	Parkview*
11:00am - 12:00pm	IEEE-IAS CIC Conference Site Selection Committee Meeting (closed)	Portland*
12:00pm - 1:00pm	IEEE-IAS CIC Full Committee Luncheon (closed)	Landmark 6*
12:00pm - 5:00pm	Conference Registration	America's Center
1:00pm - 5:00pm	IEEE-IAS CIC Full Committee Meeting	Majestic A & B*
All Day	Speakers Ready Room	America's Center Room 200
4:00pm - 7:00pm	Exhibit Hall Open	America's Center Hall I
7:00pm - Midnight	Hospitality Suites	Renaissance Grand Hotel

*** All IEEE-IAS CIC Meetings take place at the Renaissance St. Louis Grand Hotel**

SCHEDULE

Monday, May 23, 2011

7:30am - 5:00pm	Conference Registration
8:00am - 5:00pm	Tutorials <i>Wireless Technology for Cement Plant Applications</i> <i>Variable Speed Drives – Types, Sizing, Selection, How to Implement Into a Project</i> <i>The Need for an Engineered Refractory Solution to Provide for Improved Plant Reliability</i> <i>Analysis for the Design of Electrical Power Systems</i>
8:00am - 12:00pm	PCA Joint E&E/MTC/OHS Meeting (closed)
12:00pm - 1:00 pm	Lunch for Tutorial Participants and Joint Meeting Participants (closed)
1:00pm - 5:00pm	Meeting of the PCA /MTC Steering Committee (closed)
3:00pm - 7:00pm	Exhibit Hall Open
7:00pm - Midnight	Hospitality Suites

SCHEDULE

Tuesday, May 24, 2011

- 7:30am - 5:00pm Conference Registration Open
- 8:00am - 5:00pm **Technical Sessions** **Room 220 Complex**
Conference Opening by IEEE-IAS CIC Chair, Steve Coppinger
Welcome Address by
Conference Organizing Committee Chair, Jeff Ouhl
Economic Update - Ed Sullivan, (PCA Chief Economist)
Opening Remarks by IEEE-IAS CIC Vice Chair, Ted Richardson
- 9:04am *Online Condition Monitoring Network For Critical Equipment At Holcim's Ste. Genevieve Plant*
Moheb Loutfi
- 9:24am *Stochastic Simulation of System Reliability as a Tool for Maintenance Strategic Optimization in a Cement Plant*
Adam Posly, William Duff, PhD,
Thomas Bradley, PhD
- 9:40am - 9:58am Technical Session Coffee Break
- 9:58am *Continuous X-ray Diffraction at the Buzzi Festus Plant*
Alexandra Bequette, Sanjiv Dhanjal
- 10:16am - 10:30am Question & Answer
- 10:30am *Alternative Method of Hg and THC Control Using Existing Cement Kiln Particulate Control Equipment*
Dr. Ronald R. Landreth
- 10:48am *Potentials of AFR Co-Processing*
Dr. Hubert Baier, Karl Menzel
- 11:06am *The Gas Suspension Absorber at Norcem Brevik, Norway*
Steven Miller, Flemming Jensen,
Knut Erik Nielsen
- 11:24am *Calcliner Design for Lower CO and NOx Using Mi-CFD Analysis to Optimize "Hot-Reburn" Conditions*
Gina Nance, Dr. Tahir Abbas,
Dr. Tom Lowes, Joana Bretz

SCHEDULE

Tuesday, May 24, 2011, cont'd.

11:42am - 11:58am	Question & Answer
12:00pm - 1:15pm	Keynote Luncheon Keynote Speaker: TBD Room 100 Complex
1:19pm	<i>Clinker Kiln Optimization: Pushing Your Equipment to the Limit</i> William Jurado, Tomas Restrepo
1:37pm	<i>Blending and Control Systems Technologies for Cement Raw Materials Revisited - PGNA Analyzer Application Review - An Example from Lafarge's Davenport Plant in Buffalo, Iowa USA</i> J. Bond, S. Wintz
1:55pm	<i>A New Method for Analyzing Particle Attrition Dynamics Using Three Dimensional Profiling</i> Gregory Buchanan, Charles Buchanan Jr.
2:00pm - 7:00pm	Exhibit Hall Open
2:13pm - 2:27pm	Question & Answer
2:27pm - 2:42pm	Break
2:42pm	<i>The Use and Proper Selection of Variable Speed Drives (VSD) for Reduced Environmental Footprint, Sustainability and Increased Plant Reliability</i> Ken Walden
3:00pm	<i>Arc Flash Hazard Assessment In Above Ground Mining Facilities</i> Matthew Hopper, PE, Nathan Wright, PmP, Christopher Ivany, PE
3:18pm	Question & Answer

SCHEDULE

Tuesday, May 24, 2011, cont'd.

3:27pm - 4:59pm

PCA Environmental Workshop

CEMs Requirements for PC NESHAP:

A Users Perspective

Andy Edwards, Senior Process Engineer,
Ash Grove Cement Company

Dust Collector Monitoring -

Avoiding Skill-Based Errors

Eduardo Villarreal, FLSmidth Inc.

Sorbent Trap Myths and Reality: A Review of Data

Joseph Siperstein, President,
Ohio Lumex Company

*Dust Collector Monitoring for
Improved Performance*

Andy Winston, Sales Application Engineer,
GE Energy Services

ST. LOUIS 2011 IEEE-IAS/PCA

53rd Cement Industry Technical Conference

*Portland-Limestone Cement: an Option to
Improve Sustainability*

John Melander, Director,
Product Standards and Technology

Gas Sampling and Analysis for

NESHAP Compliance

Karsten Brink-Floor

4:59pm

Closing Remarks

7:00pm

Exhibit Hall Closes

7:00pm - Midnight

Hospitality Suites

SCHEDULE

Wednesday, May 25, 2011

7:30am - 1:00pm	Conference Registration	
8:00am	Welcome Intro to Today's Sessions Intro to PCA Workshop	
8:09am - 9:39am	PCA Environmental Workshop Energy Panel Discussion	
	Moderator: Fred Schoeneborn, FCS Consulting Services, Inc.	
	Panelists: Walt Brockway, Global Energy Efficiency for Alcoa Brad Runda, Energy for Saint-Gobain Rick Jacobs, CalPortland Company	
9:39am - 9:41am	Intro to Plant Tours	
9:41am - 9:55am	Plant Tour No.1 - Buzzi Unicem, Festus	
9:55am - 10:09am	Plant Tour No.2 - Holcim (US), Ste. Genevieve	
10:09am - 10:27am	Break	
10:32am	<i>Pollutant Dust Suppression</i> Thomas Herron	Room 230
	<i>Considerations In Network And Automation Options For Low Voltage Motor Control Centers</i> Gerry Feldmeier, Firas Zantout, David Durocher	Room 240
10:50am	<i>Multi Pollutant Control for the Portland Cement Industry</i> Allen Bradley, Bobby Chen, Kevin Jackson, Randall Moore, Steve Baloga, PE	Room 230
	<i>Network Infrastructure In Large Integrated Control Systems</i> Kenny Martin	Room 240

SCHEDULE

Wednesday, May 25, 2011, cont'd.

- 11:08am *Organic Rankine Cycle (ORC) Based Power Plant to Utilize Low-Grade Waste Heat Sources*
Thomas Borrner Room 230
- Increasing Data Historian Efficiency*
Thomas Jankowski, Gregory Davis,
Joe Holmes, Gregory Kemper Room 240
- 11:26am *Gaining Visibility and Control of Raw Materials at Lafarge Cave-In-Rock Cement Quarry*
April Montera, Rick Evans, Linda Ronn,
Eric Bowman, John Boyt Room 230
- PLC Based Optimization Of Finish Mills*
Steven Drzymala, PE Room 240
- 11:44am - 12:00pm Question and Answer
- 12:00pm - 1:30pm Chairman's Luncheon
Speaker: Aris Papadopolous,
CEO Titan America, LLC
100 Level Complex
- 1:35pm *Lubrication and Maintenance for Key Machines in the Cement Industry*
Klaus Holz, Renko Balders Room 230
- Brush Lifting System for Wound Rotor Induction Motors*
Radha Krishna Darbha, Nelson Kawasaki,
Cornelis Poel Filho, João Coluci Room 240
- 1:53pm *Incorporating an Advanced Maintenance Strategy Improves Equipment Reliability and Reduces Cement Plant Costs*
C. Conklin, C. Stewart, J. Kurosky Room 230
- Paradigm Shift in Proper Selection Criteria of VFD Cable for Variable Frequency Drives*
Alpa Shah Room 240

SCHEDULE

Wednesday, May 25, 2011, cont'd.

- 2:11pm *Improved Maintenance Reduces Risk, Raises Profitability In Conveyor Operations*
Larry Goldbeck Room 230
- Guide to Compliance with the Electrical Workplace Safety Standards in the United States*
Joseph Weigel Room 240
- 2:29pm *How Green Is Your Lighting*
Wade Johnson, Jay Shah Room 230
- Alternative Fuels: Challenges in Receiving, Preparation, Storage and Blending*
Peter Windmoeller Room 240
- 2:47pm - 3:03pm Question and Answer
- 3:03pm - 3:23pm Break
- 3:28pm *PLC Based Enterprise Energy Management Solutions*
Jeffrey MacKinnon, PE, Scott Warnick,
Joseph McDaniel, PE Room 230
- Preheater Upgrades*
Jonathan Forinton Room 240
- 3:46pm *Fully Utilizing Intelligent Electronic Devices Capability to Reduce Wiring in Cement Industry Distribution Substations*
Jakov Vico PE, Terrence Smith PE,
Richard Hunt PE Room 230
- Cylindrical Powder Cement Cooler Automation*
Derek Couse, PE Room 240
- 4:04pm *Arc Flash Protection Enhancements and Mitigation*
Edwin Scherry, PE Room 230
- Central Cone Silos For Cement*
Ralf Appenzeller Room 240

SCHEDULE

Wednesday, May 25, 2011, cont'd.

4:22pm	<i>Energy Efficiency Strategies for the Cement Industry</i> Fabio Mielli	Room 230
	<i>Innovations in Storage Silo Floor Design and Operation</i> Claude Brule, PE, Leslie Bartholomew	Room 240
4:40pm - 4:56pm	Question and Answer	
5:00pm	Closing Remarks	
5:00pm - 6:00pm	IEEE-CIC Meeting (closed)	Room 242
6:30pm - 7:30pm	Awards Reception	Room 220 Complex-Prefunction
7:30pm	Awards Banquet	Room 220 Complex
9:00pm - 12:00am	Hospitality Suites	



SCHEDULE

Thursday, May 26, 2011

8:00am - 9:00am	Buses load for Buzzi Unicem Festus Last Buzzi Unicem Festus bus departs at 9:00am
9:15am - 11:30am	Buzzi Unicem Festus Site Tour
11:00am - 12:30pm	Luncheon at Buzzi Unicem Festus site
11:30am - 12:45pm	Buses load at Buzzi Unicem Festus for trip to Holcim. Last bus departs at 12:45pm
11:50am - 1:05pm	Buses arrive at Holcim
12:00pm - 2:00pm	Holcim Site Tour
1:15pm	Early bus loading for Renaissance Hotel
1:30pm	First bus departs Holcim for hotel
2:15pm	Last bus departs Holcim for hotel
2:30pm	First bus arrives at hotel
3:15pm	Last bus arrives at hotel

Buses will return to the hotel only.
Transportation options are available from the hotel to the airport

Taking of photographs or videos while on tour premises is not permitted.

Absolutely No Privately Owned Vehicles will be Admitted to Either Plant

NOTES



SPOUSE SCHEDULE

Sunday, May 22, 2011

12:00pm - 5:00pm Registration

Monday, May 23, 2011: Beautiful Blooms & Historic Homes

7:30am - 9:00am Registration

7:30am - 8:30am Breakfast

9:00am - 3:00pm Spouse Tour: Beautiful Blooms & Historic Homes - This itinerary includes a stop at the Missouri Botanical Garden with a private tram ride and seated private lunch at Spink Pavilion as well as a driving overview through Compton Heights, Soulard, the Brewery Complex and Lafayette Square.

Tuesday, May 24, 2011: Sights of St. Louis

7:30am - 9:00am Registration

7:30am - 8:30am Breakfast

9:00am - 3:00pm Spouse Tour: Sights of St. Louis - This itinerary includes a tram ride at the Gateway Arch, a tour of the Anheuser-Busch Brewery and a seated lunch at the historic Ninth Street Abbey.

Wednesday, May 25, 2011: Slots & Shops in St. Charles Tour

Breakfast provided on the bus

9:00am - 3:00pm Spouse Tour: Slots & Shops in St. Charles Tour - This itinerary includes an overview of St. Charles with the option to individually visit the Ameristar Casino, Missouri's First State Capitol, Lewis & Clark Nature Center or shop on Main Street. Lunch is available on own at the casino or on Main Street.

SPOUSE ACTIVITIES SPONSORS

AJ Weller

Alberici

Ameren

Bedeschi America, Inc.

Buckley Powder

Buzzi Unicem USA

Canyon Concrete

Central Contracting (paid by Phoenix Terminal)

DCS Group Dust Collector & Mechanical Services

FLSmith

Ford Steele

GE Energy

GIBCO Trucking

Goodwin Brothers

Harrison Gypsum

IKN USA, Inc.

Illinois Electric Works

Imrie-Gielow

KHD Humboldt & Wedag

Lee Mechanical

Loesche

Magotteaux, Inc.

Mine Supply Company

MPS Group

Nalco

Owencorp

Phillips Kiln Services

Refratechnik

Solios Environment Corporation

Southern Refractories

Southern Welding

Wear Solutions



STUDENT SCHEDULE

Sunday, May 22, 2011

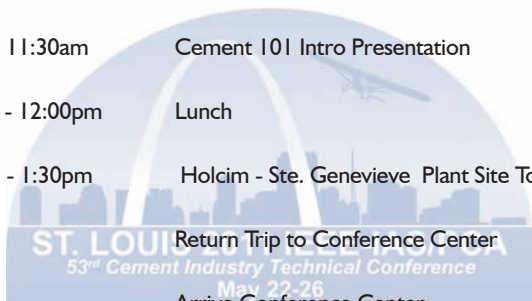
- 4:00pm - 7:00pm Arrival and Conference Registration
- 7:00pm - 9:00pm Attend Gateway Arch Park Reception (Optional)
- 9:00pm - 12:00am Hospitality Suites (Optional)

Monday, May 23, 2011

- 8:00am Leave Conference Center
- 8:50am - 9:00am Arrive Holcim - Ste. Genevieve Plant at 9:00am
- 9:00am - 11:30am Cement 101 Intro Presentation
- 11:30am - 12:00pm Lunch
- 12:00pm - 1:30pm Holcim - Ste. Genevieve Plant Site Tour
- 1:30pm Return Trip to Conference Center
- 2:20pm Arrive Conference Center
- 4:00pm - 7:00pm Exhibits
- 7:00pm - 12:00am Hospitality Suites

Tuesday, May 24, 2011

- 8:00am - 12:00pm Conference Opening Remarks
Welcome Address
Economic Update – Ed Sullivan
Technical Papers (Optional)



NOTES



HOSPITALITY SUITES

Company	Room	Dates
ADA Companies	Majestic G	Mon, Tues, Wed
Altech Environment U.S.A.	Landmark 6	Sun, Mon, Tues, Wed
BEUMER Corporation	Westmoreland	Sun, Mon, Tues, Wed
HAVER FILLING SYSTEMS, INC.		
IBAU HAMBURG		
Endress + Hauser	Landmark 3	Sun, Mon, Tues, Wed
Rockwell Automation		
Rockwell Software		
KHD Humboldt Wedag	Landmark 4	Sun, Mon, Tues
IKN USA Inc.	Kingsbury	Mon, Tues, Wed
Magotteaux Inc.		
Loesche America, Inc.	Landmark 7	Sun, Mon, Tues, Wed
Midwesco Filter Resources, Inc.	Majestic B	Sun, Mon
Norit Americas Inc.	Landmark 5	Mon
Process Barron	Majestic H	Mon, Tues, Wed
Rexnord Industries, LLC.	Majestic C	Sun, Mon, Tues
Schneider Electric / Square D	Landmark 2	Sun, Mon, Tues, Wed
Siemens Industry, Inc.	Majestic F	Sun, Mon, Tues
Southern Welding and Millwrights	Washington Room	Mon, Tues
TECO-Westinghouse	Landmark I	Sun, Mon, Tues, Wed
Universal Analyzers / O'Brien Analytical	Pershing	Sun, Mon, Tues, Wed

**All Hospitality Suites are located in
the Renaissance St. Louis Grand Hotel**

CONFERENCE HISTORY

Year	Location	National Chair	Committee Chair	Reg.
1959	Allentown, PA	W.A. Allan	A.H. Huelsman	298
1960	Milwaukee, WI	W.A. Allan	V.B. Murdock	316
1961	Detroit, MI	J.F. Hower	I.E. Swanson	307
1962	St. Louis, MO	J.F. Hower	J.B. Woodward	437
1963	Cleveland, OH	R.J. Jager	G.E. MacDonald	304
1964	Pasadena, CA	R.J. Jager	D.B. Carson	433
1965	Allentown, PA	H.P. Cassel	C.A. Zimmerman	601
1966	Denver, CO	H.P. Cassel	W.A. Walking	436
1967	Albany, NY	I.E. Swanson	J.R. Kelly, Jr.	479
1968	St. Louis, MO	I.E. Swanson	A.C. Lordi	515
1969	Toronto, ON	A.C. Lordi	J.A. Allan	501
1970	Indianapolis, IN	A.C. Lordi	G.F. Messinger	453
1971	Seattle, WA	J.A. Allan	F.J. Bauer	370
1972	Detroit, MI	J.A. Allan	I.E. Swanson	464
1973	Miami, FL	R.P. Kistler	I.W. Copple	503
1974	Mexico City, Mexico	R.P. Kistler	R.J. Plass	676
1975	Montreal, PQ	F.J. Bauer	M.S. Jackson	583
1976	Tucson, AZ	F.J. Bauer	J.A. Videgar	587
1977	Omaha, NE	R.C. White	F.E. Staples & R.F. Palmer	570
1978	Roanoke, VA	R.C. White	K.C. Wiles	677
1979	Tarpon Springs, FL	J. Warshawsky	F.W. Cohrs	829
1980	Toronto, ON	J. Warshawsky	M.E. Wrinkle	839
1981	Lancaster, PA	L.L. Warner	N.W. Biege	841
1982	Vancouver, BC	L.L. Warner	B.T. Price	595
1983	San Antonio, TX	N. Roistacher	U.K. Alsguth	622
1984	Anaheim, CA	N. Roistacher	J.A. Videgar	563
1985	New Orleans, LA	R.J. Krekel	L.C. Cockrell	595

CONFERENCE HISTORY

Year	Location	National Chair	Committee Chair	Reg.
1986	Salt Lake City, UT	R.J. Krekel	R.W. Riegel	490
1987	San Francisco, CA	R.F. Palmer	C.D. Maars	557
1988	Quebec City, PQ	R.F. Palmer	A. Morneau	560
1989	Denver, CO	Ib Bentzen-Bilkvist	E.D. Parker	546
1990	Tarpon Springs, FL	Ib Bentzen-Bilkvist	E.A. Buehler	629
1991	Mexico City, Mexico	N.W. Biege	J.R. Trevino	430
1992	Dallas, TX	N.W. Biege	P.H. Caldwell	528
1993	Toronto, ON	R.J. Meta	J.R. Gonz'lez	536
1994	Seattle, WA	R.J. Meta	S.E. Sheridan	505
1995	San Juan, PR	P.J. Riley	R. Di Cristina	546
1996	Los Angeles, CA	P.J. Riley	J.G. Brown	623
1997	Hershey, PA	M.W. Jasberg	R.J. Pospisil	632
1998	Rapid City, SD	M.W. Jasberg	D.L. Rydquist	604
1999	Roanoke, VA	J.R. Gonzolez	A. Papadopoulos	682
2000	Salt Lake City, UT	J.R. Gonzolez	J.R. Sommers	783
2001	Vancouver, BC	E.F. Bouse, Jr.	A.S. Moore	836
2002	Jacksonville, FL	E.F. Bouse, Jr.	C.O. Cohrs	875
2003	Dallas, TX	R.H. Simmons	D.R. Jones	844
2004	Chattanooga, TN	R.H. Simmons	G. Garcia	858
2005	Kansas City, MO	E.A. Buehler	A. Winston	931
2006	Phoenix, AZ	E.A. Buehler	R. Smith	1,058
2007	Charleston, SC	G. Fergades	C. Bech	1,181
2008	Miami, FL	G. Fergades	D. Crowley	1,186
2009	Palm Springs, CA	C. Macey	P. Gaynor	678
2010	Colorado Springs, CO	C. Macey	S. Zellmer	795
2011	St. Louis, MO	S. Coppinger	J. Ouhl	

2011 ST LOUIS COMMITTEE

Chairman

Jeff Ouhl
Holcim (US) Inc.

Vice Chairman

Rod Simmons
Buzzi-Unicem USA Inc.

Secretary

Corinne Prince-Fields
GE Energy

Treasurer

Shanda Gianladis
Holcim (US) Inc.

Spouse Activity

Nancy Tully
Holcim (US) Inc.

Carolyn King

Exhibits

Jeff Nagel
Resco Products, Inc.

Scheduling

Harald Walter
Refratechnik North America

Hospitality

Marc Wurman
Wear Solutions

Plant Tours

Jim Wrigley
Holcim (US) Inc.

Jim King

Buzzi Unicem USA

Promotion

Rick Rasmussen
Phillips Kiln Services, Ltd.

Publications

Fred Wuertele
FLSmith Inc

Publicity

Thane Browning
Aumund Corporation

Registration

Mike Merville
FLSmith Inc.

Nahla Hanna
FLSmith Inc.

Facilities

Kristi Tarantino
Portland Cement Association

PCA Liaison

Rick Bohan
Portland Cement Association

CIC Liaison

Lars Hansen
Solios Environment Corp.

Advisor

Andy Winston
GE Energy

Special Projects

Tom Turano
Bedeschi America, Inc.

Garret Pair
Magotteaux Inc.

Brad Williams

Buzzi Unicem USA

ST. LOUIS 2011 CEMENT/PCAS/PCA
53rd Cement Industry Technical Conference
May 2

COMMITTEES

Executive Committee

Steve Coppinger, Chair
Ted Richardson, Vice Chair
Max Frailey, Secretary
Rod Simmons, Past Chair
Ed Buehler, ByLaws and Historian/Past Chair
Lars Hansen, Conference Liaison
Satish H. Sheth, PCA Liaison
John Sommers, Nominating Committee Chair
Richard Bohan, PCA Staff Representative
Phil Gaynor, Member
Chris Macey, Past Chair
Jeff Ouhl, Member

Working Groups

Automation

Chair: Greg Kemper, Lehigh Cement Company
Vice Chair: Greg Witte, Andritz Automation

Gregory DiFrank, River Consulting LLC
Joe Holmes, Siemens Energy & Automation
Jeffrey Kemmerer, FLSmidth Automation Division
Mary J Lewis, Eaton
Jay Shah, JSHA Engineering
Ron Vidergar, Ash Grove Cement Company

Drives

Chair: James Schaadt, Digital Technical Services, Inc.
Vice Chair: Glen Cahala, FLSmidth MAAG Gear

Ashok Amin, Hagglunds Drives
Patrick Brady, Siemens Industry
William Kovacs, Buzzi Unicem USA
Douglas Phares, TM GE Automation Systems
Clayton Reid, Rockwell Automation
George Seggewiss, Rockwell Automation
Thomas Turano, Bedeschi America, Inc.

COMMITTEES

Environmental, Energy & Sustainability

Chair: Anya Gill, Polysius Corp.

Vice Chair: Daniel Crowley, Titan America LLC

Terry Brooks, Menardi

Lars Hansen, Solios Environment Corp.

Joe Horton, Votoratim Cimentos North America (VCNA)

Brian Keefe, Consultant

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Sunday, May 22: 4pm - 7pm

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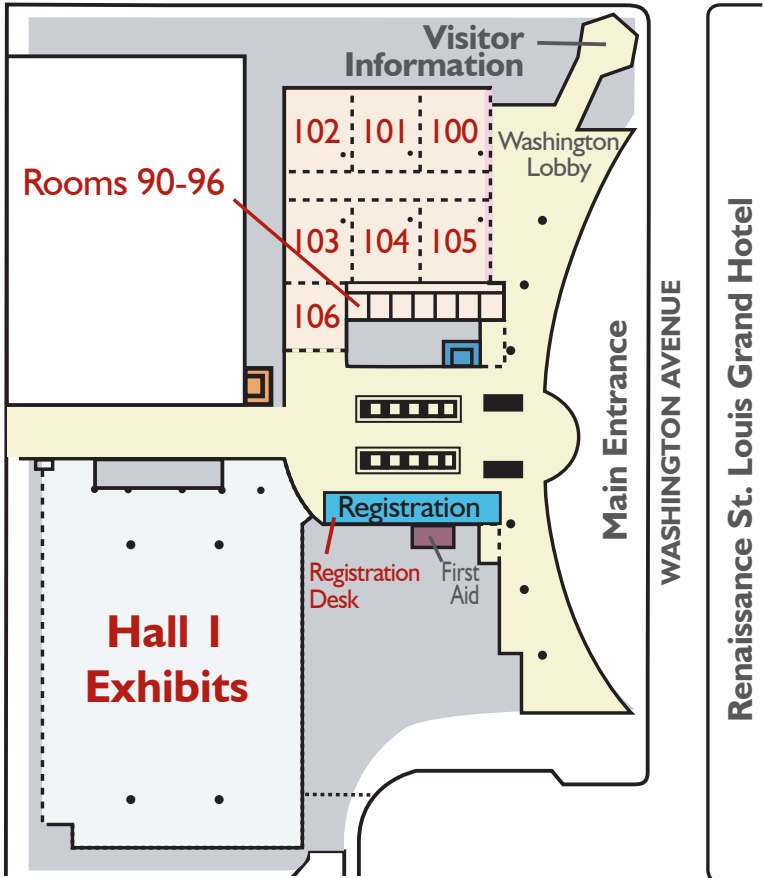


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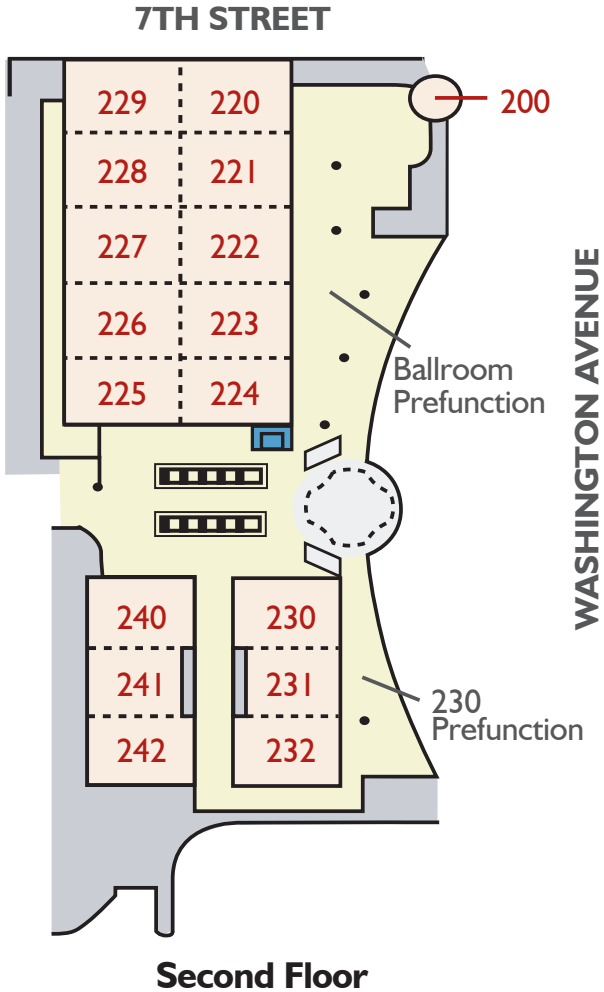


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