

2010 **AMCA** **International** **Spring Meetings**

**Human Resources and Manufacturing
Executives Councils' Meeting**

February 28 - March 2, 2010

Sales & Marketing Councils' Meeting

February 28 - March 2, 2010

Engineering Conference

March 1 - 2, 2010

AMCA/UL Meetings

March 3 - 4, 2010



February 28 - March 4, 2010
San Antonio, Texas

The International Authority on Air System Components



Registered Continuing Education Providers Program

“Air Movement and Control Association (AMCA) has met the standards and requirements of the National Council of Examiners for Engineering and Surveying (NCEES) Registered Continuing Education Providers Program (RCEPP). Credit earned on completion of this program will be reported to RCEPP. Certificates of completion will be issued to all participants.”

Engineering Conference

The Engineering Conference will be accredited for
9 Professional Development Hours (PDH)

* PE # is required to receive credit for PDH hours *

Please include your PE # on registration form.

Meeting Schedule

Sunday, February 28, 2010

7:30 am - 8:00 am	Continental Breakfast
8:00 am - 11:30 am	HR/ME Combined Councils' Meeting
12:00 pm - 1:00 pm	Trolley Tour <i>Optional event - anyone interested should meet on your own by 12:00 pm at the trolley stop</i>

Monday, March 1, 2010

7:00 am - 8:00 am	Buffet Breakfast
7:00 am - 5:00 pm	Registration
8:00 am - 11:00 am	Toyota Plant Tour
11:00 am - 11:45 am	HR Council Meeting
11:00 am - 11:45 am	ME Council Meeting
11:45 am - 1:00 pm	Lunch
1:00 pm - 3:30 pm	HR Council Meeting
1:00 pm - 3:30 pm	ME Council Meeting
3:30 pm - 5:00 pm	HR/ME Combined Councils' Meeting
6:00 pm - 9:00 pm	Reception/Dinner <i>Registered guests are invited to attend the Reception/Dinner</i>

Tuesday, March 2, 2010

7:00 am - 8:00 am	Buffet Breakfast
8:00 am - 10:00 am	Presentation: Macroeconomic Outlook 2010 - 11; Air Movement and Control Industry Trends and Projections
10:00 am - 11:30 am	HR/ME Combined Councils' Meeting
11:30 am - 1:00 pm	HR/ME Steering Committee Meeting (includes lunch)

Our Featured Presentation:



“Macroeconomic Outlook 2010 - 11”

Hans Zigmund

Economist, Illinois Dept. of Revenue

AMCA International's Consulting Economist

* Air Movement and Control Industry Trends and Projections.

Additional Information

San Antonio Trolley Tour

Alamo Trolley presents a 60 minute Historic Tour of San Antonio. This Historic tour will depart from the Alamo Visitor Center and visit the Alamo, Institute of Texan Cultures, Mission San José, Mission Concepción, Market Square, San Fernando Cathedral, and La Villita.

San Antonio Toyota Plant Tour

Our friendly staff of tour guides will lead you through portions of our 2.2 million square foot facility. The tour begins in the Body Weld shop, where stamped steel pieces are welded together using state of the art technology. Watch as a team of computer-controlled robots perform the welds that result in a completed body shell. We leave Weld and go over to the Plastics shop where critical components, including the vehicle bumpers and instrument panels are made. Look up and see overhead conveyors transport the trucks from Paint, to the Final Line in Assembly. Through the tour, your guide will point out the foundations of the world renowned Toyota Production System as well as give insight into the line side processes of the TMMTX team members.

Maximum attendees allowed by Toyota - 40

Agenda Items

Combined Councils

- * Virtual Tour of AMCA International
- * What is on Your Dashboard
- * Motivating Employees
- * Idea Systems
- * OSHA

Human Resource Executives Council

- * National Health Insurance Plan
- * Workers Compensation Issues
- * Employment Law Update
- * Employee and Candidate Testing
- * Retirement Planning

Manufacturing Executives Council

- * Production Methods - Issues and Solutions
- * Maintenance and Repair Scheduling
- * Commodities, Price, Steel
- * Design for Manufacturing Criteria
- * New Technologies

Achieve Operational Excellence in Marketing: Success in a Lean Green Market

Monday, March 1, 2010

7:00 am - 5:00 pm	Registration
7:00 am - 8:00 am	Buffet Breakfast
8:00 am - 8:05 am	Welcome
8:05 am - 9:00 am	The Truth About Success: Being the Best vs. Being Consistently Chosen
9:00 am - 10:00 am	How to Win an Unfair Fight: What the Top 1% Do Differently and Why They Won't Tell You
10:15 am - 11:45 am	The Good; The Bad; and The Ugly of Green Buildings
11:45 am - 12:15 pm	Lunch
12:30 pm - 3:30 pm	Toyota Plant Tour
3:30 pm - 5:00 pm	Fan Efficiency Program
6:00 pm - 9:00 pm	Reception/Dinner <i>Registered guests are invited to attend the Reception/Dinner</i>

Tuesday, March 2, 2010

7:00 am - 8:00 am	Buffet Breakfast
8:00 am - 10:00 am	Macroeconomic Outlook 2010 - 11; Air Movement and Control Industry Trends and Projections
10:15 am - 12:15 pm	The New Normal: Positioning Your Value in the Marketplace through Technology

Speakers

“The Truth About Success: Being the Best vs. Being Consistently Chosen”

Success is more than being good at what you do; it's about being consistently chosen to do it. We've all heard the importance of "best practices" and superior knowledge, so why aren't the smartest people with the most information always in charge or number one in their field?



Garrison Wynn
Owner, Wynn Solutions

“How to Win an Unfair Fight: What the Top 1% Do Differently and Why They Won't Tell You”

This entertaining, research-based leadership keynote reveals what makes owners/managers of top-performing businesses so effective. Standout success in a difficult economy often comes from personal advantage - whether it's cosmetic, leadership communication, personality, resources or access to privileged information. Program topic segments include:

- * Lies About Success - And Why We Believe Them
- * From Interview to Confession
- * Why Would Anybody Want to Be in a Fair Fight?
- * The Truth about Success
- * Action and Adaptability Create Opportunity

“The Good; The Bad; and The Ugly of Green Buildings”

Michael Ivanovich

Chief Editor, Consulting-Specifying, Engineer

All that glitters is not green about LEED and the march towards making America's buildings more sustainable. There has been sharp criticism and media attention about the poor performance of a significant fraction of LEED-certified buildings. There have been new discoveries of natural gas and oil resources that will extend the timeline for low-price utilization of these fuels. There are increasing concerns for liability and litigation exposure among engineers working on new projects. This session will present a fair and balanced discussion of green buildings and sustainability.



San Antonio Toyota Plant Tour

Our friendly staff of tour guides will lead you through portions of our 2.2 million square foot facility. The tour begins in the Body Weld shop, where stamped steel pieces are welded together using state of the art technology. Watch as a team of computer-controlled robots perform the welds that result in a completed body shell. We leave Weld and go over to the Plastics shop where critical components, including the vehicle bumpers and instrument panels are made. Look up and see overhead conveyors transport the trucks from Paint, to the Final Line in Assembly. Through the tour, your guide will point out the foundations of the world renowned Toyota Production System as well as give insight into the line side processes of the TMMTX team members. **Maximum attendees allowed by Toyota - 40**



“Fan Efficiency Program”

John Cermak

Executive V.P. Engineering, Acme Engineering & Manufacturing Corporation

AMCA's new Fan Efficiency Grading Program (FEG), how it works, and how to market it to your customers!

“Macroeconomic Outlook 2010 - 11”

Hans Zigmund

Economist, Illinois Dept. of Revenue

AMCA International's Consulting Economist

* Air Movement and Control Industry Trends and Projections



“The New Normal: Positioning Your Value in the Marketplace through Technology”

Paul Doherty, AIA

the digit group, inc.

This session will provide an exploration of technology forces that you can no longer ignore. Communication, coordination and collaboration processes and technologies are the new drivers in this Age of the New Normal. This highly interactive session to prepare your organization for growth and prosperity. Issues to be covered include:

- * Web 2.0: Twitter, Facebook and the effects of Social Media
- * Building Information Modeling: BIM Facts and Fabrications
- * Digital Assets: Providing Value Beyond the Deliverable
- * Digital Cities: Your Role in the Digital and Physical Environment
- * Interactive Environments: Beyond Mobile Technology

Meeting Schedule

Monday, March 1, 2010

7:00 am - 8:00 am	Buffet Breakfast
7:00 am - 8:00 am	Registration
8:15 am - 8:30 am	Opening Remarks
8:30 am - 9:30 am	Mechanical Design and Foundation Analysis Considerations for an Induced Draft Fan Rotor Upgrade
9:30 am - 10:30 am	Peculiar Motor Bearing Vibration Problem
10:45 am - 11:45 am	Avoiding Fan Problems: Specification and Engineering Best Practices
11:45 am - 1:00 pm	Lunch
1:00 pm - 2:00 pm	Louver Porosity and Its Effects on Wind Loads
2:00 pm - 3:00 pm	Using CFD in the Design of an AMCA 210 Chamber
3:15 pm - 4:15 pm	Efficiency, It Is More Than Just the Fan
4:15 pm - 5:15 pm	Inlet Installation Effect on Forward Curved Centrifugal Fans
6:00 pm - 9:00 pm	Reception/Dinner <i>Registered guests are invited to attend the Reception/Dinner</i>

Tuesday, March 2, 2010

7:00 am - 8:00 am	Buffet Breakfast
8:00 am - 10:00 am	Presentation: Macroeconomic Outlook 2010-11; Air Movement and Control Industry Trends and Projections
OR	
8:00 am - 11:00 am	Toyota Plant Tour
11:00 am - 12:00 pm	Matching Fan Test Methods with Expectations
12:00 pm - 1:00 pm	Lunch
1:00 pm - 2:00 pm	Flow Control Methods and Devices
2:15 pm - 4:15 pm	Round Table Discussion
4:15 pm - 4:30 pm	Wrap - Up

The Engineering Conference will be accredited
for 9 Professional Development Hours (PDH)

Featured Presentation:



“Macroeconomic Outlook 2010 - 11”

Hans Zigmund

Economist, Illinois Dept. of Revenue

AMCA International's Consulting Economist

* Air Movement and Control Industry Trends
and Projections.

Additional Information

Monday, March 1, 2010

Opening Remarks - AMCA International Engineering Standards Committee Chair

John Magill, Howden Buffalo, Inc.

Mechanical Design and Foundation Analysis Considerations for an Induced Draft Fan Rotor Upgrade

Robert Shannon, Howden Buffalo, Inc.

Peculiar Motor Bearing Vibration Problem

Tom Kuli, Robinson Fans, Inc.

Avoiding Fan Problems: Specification and Engineering Best Practices

Vern Martin, Flowcare Engineering, Inc.

Louver Porosity and Its Effects on Wind Loads

Dan Rau, Ruskin Company

Using CFD in the Design of an AMCA 210 Chamber

Scott Travers, Hartzell Fan, Inc.

Efficiency, It Is More Than Just the Fan

Bill Cory, Bill Cory Consultancy

Inlet Installation Effect on Forward Curved Centrifugal Fans

Mark Stevens, AMCA International

Tuesday, March 2, 2010

Macroeconomic Outlook 2010 - 11

Hans Zigmund, Economist, Illinois Dept. of Revenue

Toyota Plant Tour

Through the tour, your guide will point out the foundations of the world renowned Toyota Production System as well as give insight into the line side processes of the TMMTX team members. **Maximum attendees allowed by Toyota - 40**

Matching Fan Test Methods with Expectations

John Cermak, Acme Engineering & Manufacturing Corporation

Flow Control Methods and Devices

Rad Ganesh, Twin City Fan Companies, Ltd.

AMCA/IGTI/VDMA Panel

Klaus Bruen, Southwest Research Institute

John Cermak, Acme Engineering & Manufacturing Corporation

Harold Simmons, Southwest Research Institute

Wrap - Up

John Magill, Howden Buffalo, Inc.

Meeting Schedule

Wednesday, March 3, 2010

7:30 am - 8:00 am	Continental Breakfast
8:00 am - 12:00 pm	AMCA Damper Engineering Committee Meeting
12:00 pm - 1:00 pm	Lunch on own
1:00 pm - 5:00 pm	AMCA Energy Code Action & Review Committee Meeting (ENCARC)
6:00 pm - 7:00 pm	AMCA/UL Reception <i>Registered guests are invited to attend the Reception</i>

Thursday, March 4, 2010

7:30 am - 8:00 am	Continental Breakfast
8:00 am - 12:00 pm	AMCA Fire/Smoke Code Action & Review Committee Meeting (FSCARC)
12:00 pm - 4:00 pm	UL Damper Industry Group Meeting (includes buffet lunch)

On Thursday morning, the UL Damper Industry Group Meeting will be held. The event affords AMCA members the opportunity to meet collectively with UL Staff to discuss issues, procedures and policies.

The AMCA/UL Reception (business casual attire) is scheduled for Wednesday evening. Registered guests are welcome at this event (Please see registration form).

AGENDA ITEMS

AMCA Damper Engineering Committee

- * Develop List of Damper Industry Meeting Issues
- * Task Group Updates
- * AMCA Publications Report
- * ASHRAE Issues

AMCA Fire/Smoke Code Action & Review Committee (FSCARC)

- * AFSCC, ICC, IAPMO, CBC, NFPA and other code activity updates with Vickie Lovell
- * Life Safety Dampers Project Report

AMCA Energy Code Action & Review Committee (ENCARC)

- * Sunshade Devices
- * Spiral Duct
- * Fan Efficiency
- * Economizers
- * Damper Efficiency (insulated dampers)

UL Damper Industry Meeting

- * Service Issues
- * Pricing
- * Comfort Level & Trust
- * Submittal Process

We need your agenda items! All items you want to hear reports on or discuss at the UL Damper Industry Meeting will need to be submitted to AMCA for inclusion on the meeting agenda.

Please E-mail your agenda topics to Tim Orris at torris@amca.org or by fax to 847-253-0088.

Register now to take advantage
of this valuable experience!

Hotel and Travel Information

Please make your own hotel reservations; AMCA International will not make hotel reservations. *When calling to make reservations you MUST identify yourself as an attendee of the:*

Air Movement & Control Association 2010 Spring Meetings.

Marriott Plaza San Antonio
555 South Alamo Street
San Antonio, Texas 78205
Telephone: 800-266-9432

Please call 1-800-266-9432 to reserve your room.

*When calling you MUST identify yourself as an attendee of the

Air Movement & Control Association 2010 Spring Meetings

Rate: \$179 per night, single/double occupancy

Check-in: 3:00 pm **Check-out:** 12:00 pm

The Marriott Plaza San Antonio provides a resort style oasis of tranquility in the heart of energetic downtown San Antonio. Surrounded by sun-bathed courtyards, sparkling fountains and lush gardens with free-roaming Pheasants and Peacocks, this location is perfect for anyone's needs. During your stay enjoy oversized rooms with balconies overlooking the landscaped courtyard. Located near the Riverwalk, the Alamo, Southtown, and La Villita, expand your experience at one of many nearby restaurants and night spots like Azuca and Little Rhein Steakhouse.

Guest Room/Hotel Information

Wireless High-Speed Internet Access available in all rooms.

* Iron and ironing board * Coffee maker/tea service *
Hair dryer * Outdoor Pool * Business Center *
Fitness Center *

Hotel room reservation cut-off date is February 2, 2010

Airport: San Antonio (SAT)

The airport is approximately 10 miles from the hotel.

Estimated Taxi Fare: \$25

Registration Form

2010 AMCA International Spring Meetings

Please check the box next to the meetings you will be attending

Registration
available
online at
www.amca.org

HR/ME Meeting

(February 28 - March 2, 2010)

- Registration: \$450
- Extra Guest Lunch: \$25
- Extra Guest Tour: \$30
- Extra Guest Reception/Dinner: \$50

Sales and Marketing Council Meeting

(February 28 - March 2, 2010)

- Registration: \$450
- Extra Guest Lunch: \$25
- Extra Guest Tour: \$30
- Extra Guest Reception/Dinner: \$50

Engineering Conference

(March 1 - 2, 2010)

- Registration: \$525
- Extra Guest Lunch: \$25
- Extra Guest Tour: \$30
- Extra Guest Reception/Dinner: \$50

** Tuesday March 2, 2010 you will have the option to attend the Presentation by Hans Zigmund or go on the Toyota Plant Tour. Please indicate below which you will be attending.*

- Presentation by Hans Zigmund, Economist
- Toyota Plant Tour

AMCA/UL Meeting

(March 3 - 4, 2010)

- Full Registration: \$150
(includes meetings, continental breakfast, reception)
- Meetings ONLY Registration: \$100
(includes meetings and continental breakfast)
- Extra Guest Registration: \$25
(reception)

Name: _____

E-Mail: _____

Please complete both sides of the registration form.

Registration
available
online at
www.amca.org

Registration Form

2010 AMCA International Spring Meetings

Discounts available for multiple attendees from a single company

Do you anticipate multiple attendees? (please check)

- 3+ individuals attending the same meeting.
 5+ individuals attending any combination of meetings.

Name(s) _____ PE # _____

To receive credit for PDHs

Guest: _____

Company: _____

Company Address: _____

City: _____ State: _____ Zip: _____

E-Mail: _____

Phone: _____ Fax: _____

Payment:

Check enclosed for \$ _____

If you want to pay by credit card, an invoice will be e-mailed to you for secure online payment after your registration is processed.

E-Mail: _____

Please complete both sides of the registration form.

Meeting cancellations received on/before **February 2, 2010** will be charged \$100.00 cancellation fee. No refunds for cancellations received after **February 2, 2010**. AMCA International reserves the right to cancel the meeting if there is not adequate participation.

Please return this form to: Kim Woloszyk

AMCA International

30 West University Drive, Arlington Heights, IL 60004

Phone: 847-394-0150 Fax: 847-253-0088 E-mail: kimw@amca.org



Monday Night Reception/Dinner

The Monday night Reception/Dinner will be held in the Gazebo Garden on the Marriott Plaza grounds. Come and enjoy the networking opportunities available during this time. The evening attire is casual.

Optional Activity

We are planning a golf outing on Sunday, February 28, 2010 at one of San Antonio's great golf courses. The course is yet to be determined; please continue to check the AMCA website (www.amca.org) for updates.

Please contact Mike Lanners of Industrial Louvers at mikel@industriallouvers.com if you are interested.

Sunday, February 28, 2010

Golf, 12:00 pm

Cost: TBD

(fees to be paid on-site at the golf course)

10 Best Attractions & Activities in San Antonio

- 1. Alamo*
- 2. Sea World San Antonio*
- 3. River Walk*
- 4. McNay Art Museum*
- 5. San Antonio Zoo*
- 6. San Antonio Museum of Art*
- 7. Spanish Governor's Palace*
- 8. San Antonio Missions
National Historical Park*
- 9. San Antonio Botanical
Gardens and Conservatory*
- 10. Institute of Texan Cultures*