CONFERENCE PREVIEW

Uniting the World of Water

Top 10 Reasons to Attend ACE13

• NEW and comprehensive professional tracks

• Learn from more than 900 expert speakers

• Be in-the-know about upcoming regulatory updates and actions

• Share knowledge with your peers at multiple networking events

• Have your photo taken with Colorado’s very own Blue Bear

• Priceless professional development not found elsewhere

• Stay current with water sector trends

• Opportunity to earn a maximum of 3.4 CEUs or 34 PDHs or Contact hours

• Denver’s hotel, food and car rental costs make it one of the most affordable cities according to 2012 Corporate Travel Index.

• Get reenergized!
ACE13 Exhibit Hall Map

EXPO CAFE

COMPETITIONS EXPO CAFE

LOUNGE

AWWA COMPETITION

PIPE TAPPING
A

AWWA COMPETITION

METER MOUNTING
A

ROUNDTABLE SOLUTION SESSIONS

JUNE 9-13, 2013

COLORADO CONTENTION CENTER - HALLS A, B, E, & F

ENTRANCE
**ACE13 Venue Map**

**COLORADO CONVENTION CENTER**

**EXHIBIT LEVEL**

**MEETING ROOM LEVEL**

**SATURDAY, JUNE 8**
Registration Open
8:00 a.m.–5:00 p.m.

**SUNDAY, JUNE 9**
Workshops
9:00 a.m.–4:00 p.m.
Exposition Open
3:00–6:00 p.m.

**MONDAY, JUNE 10**
Opening General Session
8:30–10:00 a.m.
Exposition Open
10:00 a.m.–5:00 p.m.
Professional and Poster Sessions
2:00–5:00 p.m.

**TUESDAY, JUNE 11**
Tuesday Keynote Address
8:00–8:45 a.m.
Professional and Poster Sessions
9:00 a.m.–4:30 p.m.
Exposition Open
10:00 a.m.–5:00 p.m.
Tuesday Social Hour
4:00–5:00 p.m.

**WEDNESDAY, JUNE 12**
Professional and Poster Sessions
8:15 a.m.–5:00 p.m.
Exposition Open
9:00 a.m.–noon
H2Open Forum
11:00 a.m.–12:30 p.m.
Wednesday Networking Break
3:00–3:30 p.m.

**THURSDAY, JUNE 13**
Professional Sessions
9:00 a.m.–noon

View the full schedule online at www.awwa.org/ace13/schedule
All information is subject to change.

**FULL-CONFERENCE LUNCH IS ON US! YOUR FULL-CONFERENCE REGISTRATION OFFERS MORE VALUE THAN EVER! NOW YOU CAN CHOOSE A COMPLIMENTARY LUNCH ON MONDAY OR TUESDAY.**
Exhibit Hall Events

Now there is more networking and knowledge sharing on the show floor than ever before!

SUNDAY, JUNE 9

Sneak-Peek Reception
4:00–6:00 p.m.

Meet and greet new friends and familiar faces, visit the exhibits and see the many new products and services available in the water industry. Complimentary drink tickets and hors d’oeuvres will be available, all made possible by the generous support of the exhibitors. Admission is by conference badge only. Registered spouses and guests are welcome.

MONDAY, JUNE 10 / TUESDAY, JUNE 11

NEW! People’s Choice Taste Test
Monday, 10:00 a.m.

Cast your vote for the “People’s Choice” category immediately following the Opening General Session. Winners will be announced at Tuesday’s taste test.

“Best of the Best” Taste Test
Tuesday, 3:00–4:00 p.m.

Gather in the Exposition Hall as our esteemed panel of experts determines the winners of the official title of “Best of the Best” tap water.

AWWA utility members interested in competing should contact AWWA Public Affairs Manager, Deirdre Mueller, at dmueller@awwa.org or 303.347.6140.

NEW! ACE13 Roundtable Solution Sessions
Monday and Tuesday

We know that AWWA utility members are looking for opportunities to share experiences, discuss issues, and explore solutions. ACE13 Roundtable Solution Sessions will be the place for sharing!

ACE13 exhibitors and sponsors will lead discussion in a variety of topic and interest areas. Session attendees will be encouraged to interact and take part in the discussion, as they hear experts who are up-to-date on the latest water industry issues and solutions. Roundtable Solution Sessions will provide participants with education and networking as they meet industry professionals facing similar issues and make long-lasting contacts. Visit www.awwa.org/ACE13exhibition on April 1, 2013, to review the selected sessions.

Social Hour
Tuesday, 4:00–5:00 p.m.

On Tuesday afternoon, attendees will gather in the exhibit hall amid the technology and service providers who address their common challenges. All conference registrants receive one complimentary drink ticket. Light snacks will be served. Wind down your busy day and stir up some evening plans!

COMPETITIONS

Monday and Tuesday

The fast-paced Meter Madness contest pits competitors against the clock to assemble a water meter from a bucket of parts. Competitors practice year-round to compete at ACE.

Monday and Tuesday

Pipe Tapping is a high-energy contest where top utility teams from Section-level contests race to tap a cement-lined, ductile iron pipe. Pipe tapping contests occur across the AWWA Sections year-round, culminating each year in the ultimate contest at ACE.

Monday and Tuesday

Location: Colorado Convention Center, Meeting Room Level

The challenging Top Ops contest tests the everyday know-how of water treatment operators in a “college bowl” format.

Schedule and details, visit www.awwa.org/ace13competitions

Competitions Sponsors

CH2M Hill

echologics

Khafra

Mueller Co.

ZENNER

Piper Jaffray

Performance

All that counts.
SUNDAY, JUNE 9

Water For People and AWWA Festival for Water
6:00–9:00 p.m.
Civic Center Park
FREE
Presented by MOLSON Coors

Join Water For People, AWWA, and the community to celebrate the importance of water in the United States and acknowledge the crisis many face globally. The festival will feature engagement, live entertainment, food trucks, and tasty beverages. AWWA will have continuous shuttle service from 6:00 to 9:00 p.m. between the Colorado Convention Center and Civic Center Park.

MONDAY, JUNE 10

Water For People Kenneth J. Miller Founders’ Award Luncheon
11:45 a.m.–1:15 p.m.
Hyatt Regency Denver
$65 per person

Join Water For People as we honor the professionals who provide extraordinary dedication to helping create the water and sanitation foundations that will allow people to gain control of their lives and futures. To purchase tickets, visit www.waterforpeople.org/ace.

NEW!

Mile High Tap to Tap
6:00–9:00 p.m.
Free event (beer and food is not included)

Celebrate our connection to water! Raise a glass and meet up with your colleagues and AWWA staff in a casual setting.

All attendees are invited to stop by designated locations, all within walking distance or via public transportation.

TUESDAY, JUNE 11

Water Industry Luncheon
11:30 a.m.–1:15 p.m.
Location: Colorado Convention Center
Sponsored by PRATT, CDM Smith, HDR

Come experience a powerful presentation by avid outdoorsman, Aron Ralston, a true survivor! Find out his amazing story and how he freed himself after being trapped for five days and eight hours. Individual tickets can be purchased for $60 online (T9) or to purchase a table, contact Jane Johnson, jjohnson@awwa.org.

WEDNESDAY, JUNE 12

Presidential Gavel Passing Celebration
5:30–6:00 p.m.
Hyatt Regency Denver

All ACE13 attendees are encouraged to attend this free event! Outgoing President Charles Anderson will pass the gavel as Incoming President James Chaffee shares his vision for AWWA’s future.

Annual President’s Reception
WISCONSIN’s 2013 TAILGATE PARTY!
6:00–7:30 p.m.
Hyatt Regency Denver
$40 per person, includes two beverage tickets

It’s a Wisconsin Tailgate Party! We’ve done this before, so we know we are going to have fun. All ACE13 attendees are invited to the Annual President’s Reception, honoring incoming AWWA President (and Wisconsin-ite) James Chaffee. There will be music and Wisconsin delicacies—cheese, brats and beer. Tailgating party starts immediately following the Gavel Passing Celebration at the Hyatt.

Facility Tours
JUNE 11–TUESDAY

T1 Aurora Griswold WTP–Phase IV Excellence in Water Treatment Award
8:30–10:30 a.m.  $50
(tour is limited to a maximum of 25 attendees)

T2 Bureau of Reclamation–Technical Service Center
8:30–11:30 a.m.  $50

T3 Prairie Waters/Binney Treatment Facility
8:30 a.m.–1:30 p.m.  $70
(lunch included)

JUNE 12–WEDNESDAY

T4 Denver and Colorado Springs Inter-mountain Diversions
8:00 a.m.–4:00 p.m.  $70
(lunch included)

T5 Metro Wastewater Reclamation District/Denver Water Recycling Plant
8:30 a.m.–11:30 a.m.  $50

T6 AWWA Headquarters/Marston Water Treatment Plant
8:30 a.m.–12:30 p.m.  $50

T7 Colorado Springs’ Southern Delivery System
8:30 a.m.–2:30 p.m.  $70
(lunch included)

Guest and Spouse Tours

We have more than 15 spouse and guest tours to register for when your friends and family visit Denver.

www.awwa.org/ace13/specialevents.
Young Professional Events

Building a Career in the Water Industry? Are you a Student or a Young Professional?

AWWA has several opportunities at ACE to help you grow your professional network, look for a job, and build your resume. Specific room locations will be published in the Conference Program and Mobile App.

SUNDAY, JUNE 9

Preparing for Your Future in the Water Industry Special Workshop for Students/YPs
9:00 a.m.–4:00 p.m.
Location: Colorado Convention Center
Separate registration fee is required.

At this workshop, students and young professionals will gain tips and knowledge about the following: future leader skills, do’s and don’ts of the corporate world, federal rules & regulations primer, and how to cultivate a personal network. You’ll also have the opportunity to meet with AWWA VIPs and water industry leaders.

Student/YP Scavenger Hunt
4:30 p.m.
Location: Colorado Convention Center–Exhibit hall

Here’s a fun way to meet some of your peers and explore the exhibit hall at the same time. Your team will be challenged to navigate through 500 exhibitors to find clues to be eligible to win great prizes. Meet at the Member Service Center on Level 2, outside the exhibit hall entrance to form teams.

TUESDAY, JUNE 11

Fresh Ideas Poster Competition and Display
9:00 a.m.–noon
Location: Colorado Convention Center

Want to talk to the best and the brightest young minds from AWWA’s Sections? Stop by the Fresh Ideas Poster Competition and meet them. These students and young professionals won their Section competitions to attend and compete at ACE13. We’ve got representatives from 20 Sections.

Bring Your Résumé!
AWWA’s Job Fair
1:00–4:00 p.m.
Location: Colorado Convention Center

Sponsors:

AQUA
CDM

We expect more than 20 hiring companies to be on-site to meet with potential employees. Whether you have a job or not, it’s always good to learn what employers are looking for in potential candidates.

YP Meet and Greet Reception
Networking Galore
5:30–7:30 p.m.
Location: Hyatt Regency Denver

Here’s your chance to meet and chat with your peers, other students, potential employers, and AWWA VIP leaders. Last year, the AWWA Executive Director, three AWWA presidents, and four vice presidents attended the reception. The Job Fair raffle winners will be announced at this reception. It is the place to be on Tuesday night.

TUESDAY, JUNE 11

Fresh Perspectives: Young Professionals Redefining the Boundaries of Water Treatment
2:00–5:00 p.m.
Location: Colorado Convention Center

This session features all student and young professional presenters. These presentations were selected by the AWWA YP Committee through a special Student/Young Professional Call for Papers. From emerging treatment techniques to integrated water supply and infrastructure management, this session highlights many innovative solutions to water quality and process challenges.

WEDNESDAY, JUNE 12

Participate in the YP Committee Meeting or any AWWA Committee Meeting
9:00 a.m.–noon
Location: Colorado Convention Center

Want to get involved in AWWA? Consider attending an AWWA Committee Meeting. All AWWA Committees hold open meetings at ACE. The YP Committee will be discussing activities and plans for the upcoming year.
International/Public Officials Events

International

International Visitor Resource Center
Sponsored by INFILCO
Sunday, June 9
8:00 a.m.–5:00 p.m.
Location: Colorado Convention Center
Welcome International attendees! Staff and volunteers will also be available to answer your questions about the professional program, technical tours, local areas of interest, and all the activities at the conference.

International Reception
Sponsored by Layne
Monday, June 10, 5:30–7:00 p.m.
Hyatt Regency Denver

Public Officials

Public Officials Breakfast and Caucus
Tuesday, June 11
8:00–11:30 a.m.
FREE to public officials (pre-registration required)
Enjoy a hearty breakfast before discussing the bubbling water issues of our day with your peers.

Public Officials Courses

Crt1 Introduction to Water and Sewer Operating Environments
Sunday, June 9, 1:00–5:00 p.m.

Crt2 Water and Sewer Infrastructure, Operations and Maintenance
Monday, June 10, 1:00–5:00 p.m.

NEW! CRT3 Leadership in the Water Industry
Tuesday, June 11, 1:00–5:00 p.m.
Course 3 will include all new content for public officials hoping to learn more about the drinking water process.

CRT4 All Three Courses
Attend all three courses and earn the AWWA Public Officials Certificate.

International Council Professional Sessions

All sessions are located at the Colorado Convention Center.

TUE03
Becoming the Water Utility of the Future
Tuesday, June 11, 9:00 a.m.–noon

TUE23
Developing Strategic Alliances: Benefits and Lessons Learned
Tuesday, June 11, 1:30–4:30 p.m.
Professional Program

All sessions and workshops will be at the Colorado Convention Center. The specific room locations will be published in the Conference Program and Mobile App.

**WORKSHOPS**

Register for one of seven Sunday Pre-conference workshops. The full schedule is listed online at [www.awwa.org/ace13/program](http://www.awwa.org/ace13/program).

NEW! ACE13 Exhibitors have been invited to provide educational displays related to each workshop. Find out which exhibitors will be participating in late April. Additional fee is required.

**NEW! TRACKS**

<table>
<thead>
<tr>
<th>Track</th>
<th>Description</th>
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<tbody>
<tr>
<td>Communicating the Value of Water</td>
<td>Learn how the water industry has collaborated with communications specialists to spread the word and get buy-in from the public on the value of water.</td>
</tr>
<tr>
<td>Regulatory Compliance—Approaches and Innovations</td>
<td>This track presents the latest developments on current issues and valuable tips for managing federal, state and provincial, and local issues that affect water utility operations, management, and your bottom line.</td>
</tr>
<tr>
<td>Management—Strategic Leadership</td>
<td>This track will explore utility challenges and provide innovative solutions that includes human resources, finances, risk management, security and service.</td>
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<tr>
<td>Management—Tactical Solutions</td>
<td>Learn how to implement strategic plans from the bookshelf to the workplace.</td>
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<tr>
<td>Collaborating Across Political Boundaries</td>
<td>Learn how water leaders across the world have transcended political boundaries to solve water issues.</td>
</tr>
<tr>
<td>Solutions to Unique Utility Challenges</td>
<td>Discover innovative solutions for major issues facing utilities today including catastrophic fire, devastating storms, and resource management.</td>
</tr>
<tr>
<td>Technology for Utility Management and Operations</td>
<td>Join in the fun as we discuss system modeling, emerging technology, and innovative management strategies.</td>
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<tr>
<td>Capital Projects—Design, Financing, and Delivery</td>
<td>This track will discuss efficient ways for delivering capital projects without breaking the bank.</td>
</tr>
<tr>
<td>Asset Management—Field-Tested Solutions</td>
<td>Join the experts to learn about various programmatic approaches to asset management, careful management, assessment and rehabilitation on a continuous basis.</td>
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<tr>
<td>Sustainability—Finding a Balance</td>
<td>This track will address current status, best practices, and threats to maintaining a sustainable water supply.</td>
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<tr>
<td>Water Conservation and Efficiency—Practical Applications</td>
<td>Learn which water efficiency techniques can lower demand, how they affect revenue, and how to create and manage a successful program.</td>
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<tr>
<td>Contaminants—Identification and Treatment</td>
<td>This track will explore the wide range of contaminants that water professionals must address including identification and removal.</td>
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<tr>
<td>Water Treatment—Enhanced Design Principles</td>
<td>This track covers all aspects of optimizing your water treatment technology.</td>
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<tr>
<td>Innovative Processes—Biotreatment and Membranes</td>
<td>Join industry leaders to learn more about biological treatment of drinking water and advanced membrane treatment, rising costs of residual treatment, concern for emerging contaminants, and DBP limiting regulations.</td>
</tr>
<tr>
<td>Comprehensive Approaches to Disinfection</td>
<td>This track will focus on the latest in disinfection trends and discuss the lessons learned in real-world case studies.</td>
</tr>
<tr>
<td>Distribution System Optimization</td>
<td>Speakers will explore real-world concerns, such as condition assessment, rehabilitation, and water loss control.</td>
</tr>
<tr>
<td>University Forum/Young Professionals</td>
<td>Join the leaders of tomorrow to learn fresh perspectives about the water industry and the latest in research topics.</td>
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Essential Sessions
Here is a sample of HOT topic sessions. For a full-schedule, visit www.awwa.org/ace13

Asset Management
SUN03 Using Infrastructure Renewal and Replacement Planning Tools
MON10 Innovative Tools for Operating and Maintaining Distribution Assets
TUE10 Distribution System Asset Management: A Practical Approach
TUE26 You CAN Get There From Here: Multiple Approaches to Managing Assets Part 1
WED08 Pipeline Infrastructure: Optimal Assessment and Operation
WED28 You CAN Get There From Here: Multiple Approaches to Managing Assets Part II
THU05 Advanced Condition Assessment and Pipe Failure Prediction—Partnering to Better Manage Metallic Pipe

New and Cutting Edge Sessions
MON11 Hydraulic Fracturing—What is All the Fuss?
TUE11 Building Today for the Year 2050: The Need for Sustainable Infrastructure
TUE31 Finding the Edges of Biological Treatment
WED17 Hands-On Media Training: Tips and Tricks for Dealing with the Press
MON03 Challenges and Solutions for Managing a Combined Utility
WED13 Biological Treatment—Novel Sustainable Solutions for Contaminant Mineralization

Small Systems
TUE15 Small Systems: Unique Treatment Challenges
TUE22 Operations, Training, Compliance and Workforce Issues
WED06 Overcoming Small System Challenges
THU02 Managing Small Water Systems: Diverse Perspectives From the Field Distribution, Engineering, Management, Small Systems and Public Affairs Posters

Regulatory Compliance
MON02 Overcoming Challenges to Innovation in the Water Industry
TUE02 Regulatory Retrospectives
TUE19 Regulatory Update: What’s Happening Now
WED01 Regulatory Compliance Issues
WED18 No-Lead 2013: What You Need to Know
THU01 Drinking Water & Public Health: Microbial & Chemical Initiatives from CDC

Value of Water
MON01 Got Water? Creating Advertising Campaigns that Get Noticed
TUE01 A Comprehensive Guide to Communicating Special Issues to Stakeholders
TUE18 Engaging Stakeholders through Social Media and Digital Communications
WED18 No-Lead 2013: What You Need to Know

AWWA AWARDS ATTENDEES CEUS FOR TECHNICAL SESSIONS AND WORKSHOPS. IF YOU WISH TO TAKE ADVANTAGE OF THE OPPORTUNITY TO EARN CE CREDITS AND PDHS, VISIT WWW.AWWA.ORG/CREDITS FOR MORE INFORMATION.
Keynotes
All keynotes and forums will be at the Colorado Convention Center.

MONDAY, JUNE 10

First-Time Attendee/New Member Program
7:30–8:15 a.m.
Maximize your conference experience. If you are attending for the first time, are a new member, or are new to the water industry, this program will help you navigate through the convention center and the exhibit hall to find the sessions you need to see, committee meetings you need to attend, and helpful tips to create the experience you are looking for at ACE.

Opening General Session
8:30–10:00 a.m.
Open to all attendees
Location: Colorado Convention Center—Four Seasons Ballroom
The Honorable John W. Hickenlooper, Governor of Colorado (Invited)

NEW! Show your camaraderie and pride and sit with your section at the OGS. Whether you are already active or trying to determine how to become involved with your Section—Join us to create high energy and kick-off this conference!
Following the OGS, will be a rain dance performance that will lead attendees into the Exhibition Hall.

Opening of the Professional Program
1:00–1:45 p.m.
The recipient of the highly prestigious 2013 A.P. Black Research Award, R. Scott Summers, takes center stage to open the technical program at the core of the ACE experience.
R. Scott Summers is a professor in the Department of Civil, Environmental and Architectural Engineering at the University of Colorado in Boulder. Beyond his substantive research and technical and collaborative contributions to the waterworks community, his work mentoring and empowering students has created a lasting legacy for years to come.

TUESDAY, JUNE 11

Tuesday Keynote Address
8:00–8:45 a.m.
Patty Limerick, author and Professor of History
Patty Limerick, author of A Ditch in Time—Denver, the West, and Water, is on tap to engage surprise and educate ACE13 attendees on water issues from an “outsiders” perspective.

Tracing the origins and growth of the Denver Water Department, this study of water and its unique role and history in the West, as well as in the nation, raises questions about the complex relationship among cities, suburbs, and rural areas, allowing us to consider this precious resource and its past, present, and future with both optimism and realism.

WEDNESDAY JUNE 12

H2Open Forum
11:00 a.m.–12:30 p.m.
Infrastructure is the leading issue facing the water sector today as recognized by the annual AWWA State of the Water Industry Report. The H2Open Forum highlights how water sector leaders in the fields of finance, management, education, and technology are working together to find answers to this growing challenge.
To make the session vibrant and enlightening, the H2Open Forum encourages audience interaction with the members of the panel. Come and leave with new information to ponder and act on.

Wednesday Networking Break
3:00–3:30 p.m.
Location: Level 1
Join your peers at this designated time where all sessions will break simultaneously! We’re giving everyone 30 minutes to network, enjoy snacks, refreshments, and camaraderie.

Photo by Honey Lindburg
Colorado’s hip capital city continues to boom with new hotels, restaurants, attractions and rail connections. We dare you to see the city in a whole new way at www.visitdenver.org/awwa-ace13

- Denver is only 340 miles from the exact center of the U.S. making it easy to get to from just about anywhere!
- The average fares to Denver International Airport (DEN) have decreased 22% over the last decade, the fourth steepest drop in the nation
- Denver enjoys a mild climate year-round, including 300 annual days of sunshine, more than Miami or San Diego!

Register

Online www.awwa.org/ace13/register
Fax 303.347.0804
Credit card only. Do not mail your form if you fax it.
Mail AWWA-ACE13
6666 West Quincy Avenue
Denver, CO 80235-3098 USA

Utility Group Discount

Utilities can receive one FREE full-conference registration. Submit five paid full registrations and receive the sixth full registration free!*

Complimentary Professor Registration

Professors can receive a FREE full-conference registration. Submit five paid student registrations and receive a full-conference registration for the professor!*

*All registrations must be submitted at the same time. Registrations cannot be completed online and must be received by May 6, 2013. Visit www.awwa.org/ace13/register, download the PDF, and complete and submit with payment via fax to 303.347.0804, attention Elaine Youngren.

Save on registration by becoming a member! Simply complete the appropriate membership application and return it with your conference registration. Forms are located at www.awwa.org/ace13/register.

Hotel

It’s Important to Reserve Your Hotel Room Through Official AWWA ACE13 Hotels!

Hotel Reservation Deadline: May 6, 2013
AWWA asks that ACE attendees reserve their hotel rooms through the official AWWA Housing Bureau, Par Avion. Register online or download an ACE13 Hotel Reservation Form (PDF) at www.awwa.org/acehoteltravel and fax to 310.649.3553.

The hotel reservation form, hotel properties, area map, and reservation policy can be located online at www.awwa.org/acehoteltravel.

AWWA Housing Bureau, c/o Par Avion
6033 W. Century Blvd., #780
Los Angeles, CA, 90045
Tel 866.364.9515

Thank you to our Shuttle Bus Sponsor

ACE13 Headquarters Hotel
Hyatt Regency Denver @ the Convention Center
650 15th Street
Denver, Colorado, 80202
Tel 303.436.1234

Thank you to our sponsors.

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