

The Westin Denver Downtown  
1672 Lawrence St, Denver,  
Colorado  
80202



# IAM North American Conference 2022



Headline  
Sponsor



Sponsors



# IAM North American Conference 2022 Schedule

**The Westin Denver Downtown ·  
1672 Lawrence St, Denver, Colorado 80202**

\*All conference activities are held at The Westin Denver Downtown  
unless otherwise noted below

**Monday, October 3 2022**

Time	Activity	Location
8:00am – 5:00pm	IAM SAMP Training Course and Workshop – Provided by The Woodhouse Partnership (Tickets available separately)	Lawrence A
1:00pm – 5:00pm	Conference Registration and Information	Mezzanine Foyer
2:30pm – 4:00pm	IAM Branch Leadership Meeting (Invite Only)	Lawrence B
5:00pm – 7:00pm	Opening Reception <i>Co-Hosted with the IAM Colorado Branch</i>	Augusta
7:00pm – 9:00pm	IAM Mentorship Dinner (Invite Only)	Molly Brown

**Tuesday, October 4 2022**

<b>Time</b>	<b>Activity</b>	<b>Location</b>
8:00am – 5:30pm	Conference Registration and Information	Mezzanine Foyer
8:00am – 5:30pm	Exhibition Space Open	Mezzanine Foyer
8:00am – 9:00am	Breakfast Buffet <i>Tables available in Confluence Ballroom</i>	Mezzanine Foyer
9:00am – 10:00am	<b>Opening Session and Keynote – Leadership Commitment: Lessons Learned</b> Christian Roberts, IAM; Debra Johnson & Louis Cripps, Regional Transportation District, Denver	Confluence Ballroom
10:00am – 10:30am	Coffee Break	Mezzanine Foyer
10:30am – 12:00pm	<p>Technical Papers Session – 3 parallel tracks</p> <p><b>1A – Data Driven AM – Sponsored by FTI Consulting</b></p> <ul style="list-style-type: none"> <li>• <b>Painting the Picture: Visual Asset Class Strategies for Better Decision-Making</b> – Julie DeYoung, Tacoma Power</li> <li>• <b>Before Analytics: A Case Study in Getting Your Data Right</b> Steven Morris, FTI Consulting</li> <li>• <b>Everyone Has a Plan Until They Get Punched in Face</b> Tony McGrail, Doble Engineering</li> </ul> <p><b>1B – Welcome Sessions</b></p> <ul style="list-style-type: none"> <li>• <b>Strategic Planning in the Golden Era</b> John Robert MacKenzie, Copperleaf</li> <li>• <b>IAM and SMRP: Harmonizing Best Practices in Asset Management and Reliability</b> – Daniel Anderson, SMRP</li> <li>• <b>Join the North American Chapters of the IAM!</b> Amy Lindblom &amp; Bonnie Tam, IAM</li> </ul> <p><b>1C – Connecting Assets to Business</b></p> <ul style="list-style-type: none"> <li>• <b>Leading the Way: Railway Reinvention</b> Chad Evans, Ontario Northland Transportation Commission</li> <li>• <b>Applying Text Analytics for Predicting Emerging Work from PMIs</b> – Duminda Randeniya, Enbridge</li> <li>• <b>Competency-Based AM Training at the Town of Oakville</b> Shawn Boast, Town of Oakville &amp; Iain Cranston, IC Infrastructure</li> </ul>	<p>Platte River</p> <p>Lawrence A</p> <p>Lawrence B</p>
12:00pm – 1:00pm	Lunch Buffet <i>Tables available in Confluence Ballroom</i>	Mezzanine Foyer

**Tuesday, October 4 2022**

<b>Time</b>	<b>Activity</b>	<b>Location</b>
1:00pm – 2:30pm	<b>Technical Papers Session – 3 parallel tracks</b>  <b>2A – Data Driven AM – <i>Sponsored by FTI Consulting</i></b> <ul style="list-style-type: none"> <li>• <b>How Analytics-Led Decisions Drive Continuous Improvement in Asset Management</b> – Jason Davis &amp; Melody Tungol, Palm Beach County Water Utilities Department</li> <li>• <b>CARMA 2.0 Strategy: Improving Reclamation’s Enterprise Computerized Maintenance Management System</b> Chris Vick, U.S. Bureau of Reclamation &amp; Bob Leitch, Woolpert</li> <li>• <b>Making Data-driven Asset Management Accessible: The Swedish Experience</b> – Kristin Eklöf, Salbo.ai</li> </ul>	Platte River
	<b>2B – Building Better – <i>Sponsored by Woolpert</i></b> <ul style="list-style-type: none"> <li>• <b>Stanford Healthcare’s Digital Infrastructure Strategy for Industry 4.0 Asset Management</b> – Gary Walker, Stanford Health Care &amp; Eric Dillinger, Woolpert</li> <li>• <b>How Green Infrastructure is Reshaping Asset Management Practice</b> – Chris Chen, Asset Management Ontario</li> <li>• <b>An Integrated Framework for Managing Smart, Sustainable, and Resilient Infrastructure</b> Michael Salvato &amp; Mildred Chua, Mott MacDonald</li> </ul>	Lawrence A
	<b>2C – Connecting Assets to Business</b> <ul style="list-style-type: none"> <li>• <b>Holistic Organizational Asset Management Approach</b> Zahid Khan &amp; Amy Lindblom, Sound Transit</li> <li>• <b>Visualizing Asset Management at Austin Water</b> Martin Tower, Austin Water</li> <li>• <b>Why We Didn't Call it Asset Management</b> – Jennifer Wilson, City of Salmon Arm &amp; Iain Cranston, IC Infrastructure</li> </ul>	Lawrence B
2:30pm – 3:00pm	<b>Coffee Break</b>	Mezzanine Foyer
3:00pm – 4:00pm	<b>Keynote – Asset Management in the Era of Climate Change</b> Dr. David Raff, US Bureau of Reclamation Chief Engineer	Confluence Ballroom
4:15pm – 5:45pm	<b>Optional Workshops – 4 options</b> <ul style="list-style-type: none"> <li>• <b>Improving Asset Models by Considering Multiple Failures</b> Stan Coleman, Copperleaf</li> <li>• <b>Kiss Me Quick! Meet Colleagues With Asset Management Speed Dating</b> – Simon Smith, AMCL</li> <li>• <b>Integrating IAM With Other Best Practice AM Approaches</b> Bridget Malinowski &amp; Shaun Clark, AECOM</li> <li>• <b>Infrastructure Cost Modelling: The 2000 Year View</b> Louis Cripps, Regional Transportation District, Denver &amp; Ruth Wallsgrove, AMCL</li> </ul>	Platte River
		Lawrence A
		Lawrence B
		Blake
4:15pm – 5:15pm	<b>IAM Canada Chapter Annual General Meeting</b> <i>For members of the IAM Canada Chapter only</i>	Curtis
6:30pm – 8:30pm	<b>Dinner and Evening Social</b>	Molly Brown & Horace Tabor

**Wednesday, October 5 2022**

<b>Time</b>	<b>Activity</b>	<b>Location</b>
8:00am – 5:30pm	Conference Registration and Information	Mezzanine Foyer
8:00am – 5:30pm	Exhibition Space Open	Mezzanine Foyer
8:00am – 9:00am	<b>Breakfast Buffet</b> <i>Tables available in Confluence Ballroom</i>	Mezzanine Foyer
9:00am – 10:00am	<b>Keynote – Connecting Assets to Your Business</b> Steve Wyton, City of Calgary	Confluence Ballroom
10:00am – 10:30am	Coffee Break	Mezzanine Foyer
10:30am – 12:00pm	<p><b>Technical Papers Session – 3 parallel tracks</b></p> <p><b>3A – Data Driven AM – Sponsored by FTI Consulting</b></p> <ul style="list-style-type: none"> <li><b>Asset Management for Zero-Emission Buses</b> Sapna Shah, MTA New York City Transit</li> <li><b>Achieving Visibility of Portfolio Requirements and Lifecycle Investment Planning</b> Paul Crigler, US Department of State &amp; Emily Herndon, Woolpert</li> <li><b>Maximizing Asset Lifecycle Strategies: TVA’s Journey to Improved Asset Reliability</b> Brandon Blevins, TVA &amp; Bill Siebert, Copperleaf</li> </ul> <p><b>3B – Building Better – Sponsored by Woolpert</b></p> <ul style="list-style-type: none"> <li><b>A Practical Framework for Water, Wastewater and Stormwater Resilience</b> Ahmet Ozman &amp; Will Williams, Black &amp; Veatch</li> <li><b>Implementing People Led Asset Management Using ISO 55001 Framework</b> – Melody Tungol, Jason Davis &amp; Anthony Armeli, Palm Beach County Water Utilities Department</li> <li><b>Realizing the Value of Calgary’s Natural Assets</b> Steve Wyton, City of Calgary &amp; Owen James, Associated Engineering</li> </ul> <p><b>3C – Connecting Assets to Business</b></p> <ul style="list-style-type: none"> <li><b>Asset Management Approach for Assessment of Value in Ownership Transfer</b> – Kambiz Rasoulkhani, AMCL</li> <li><b>Climate Risk Disclosure: Ramifications for Asset Management and Asset Managers</b> Michael Bilney &amp; Tim Reilly, Stantec</li> <li><b>Infrastructure Asset Management Systemic Risk Assessment and Mitigation</b> – Eric Goforth, KPMG Canada</li> </ul>	<p>Platte River</p> <p>Lawrence A</p> <p>Lawrence B</p>
12:00pm – 1:00pm	<b>Lunch Buffet</b> <i>Tables available in Confluence Ballroom</i>	Mezzanine Foyer

**Wednesday, October 5 2022**

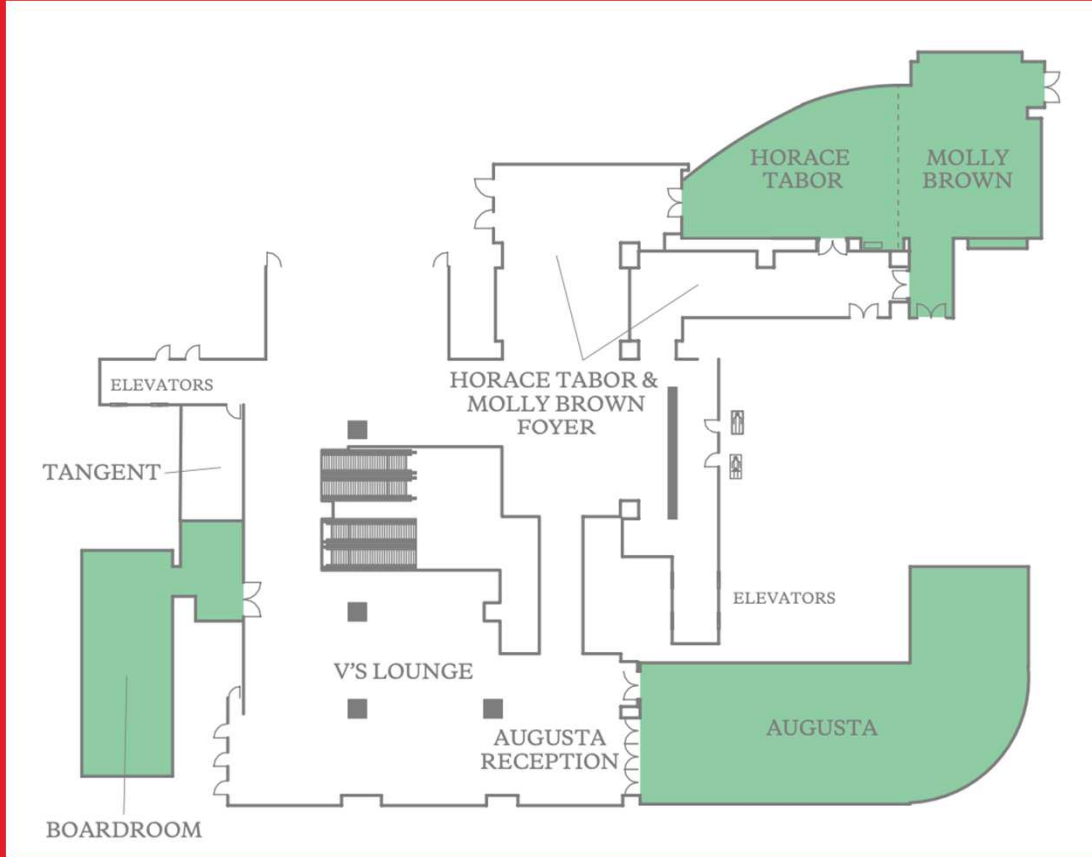
<b>Time</b>	<b>Activity</b>	<b>Location</b>
1:00pm – 2:30pm	<p><b>Technical Papers Session – 3 parallel tracks</b></p> <p><b>4A – Data Driven AM – <i>Sponsored by FTI Consulting</i></b></p> <ul style="list-style-type: none"> <li>• <b>Comparing Decision-Making Methods for Pavement Management</b> – Kurt Bialobreski &amp; Roozbeh Rashedi, Decision Optimization Technology</li> <li>• <b>Asset Management and Capital Planning: a Multi-Criteria Decision Analysis Approach</b> Margaret-Avis Akofio-Sowah, WSP</li> <li>• <b>The Foundation of Everything: An Asset Management Data Strategy</b> – Chris Vanderheyden &amp; John Murray, PSD</li> </ul> <p><b>4B – Building Better – <i>Sponsored by Woolpert</i></b></p> <ul style="list-style-type: none"> <li>• <b>Environmental Aspects of Asset Resiliency</b> Christine Vilardi, Marine Tiger Technologies</li> <li>• <b>Region of Waterloo’s Optimization of Asset Management Systems</b> – Tim Walton, Region of Waterloo</li> <li>• <b>The District of Columbia’s Asset Management Journey</b> Richard Dietz, The District of Columbia</li> </ul> <p><b>4C – Connecting Assets to Business</b></p> <ul style="list-style-type: none"> <li>• <b>Linking Performance, Asset, and Risk/Resilience Management to Organization Objectives</b> Gareth McKay &amp; William Johnson, WSP</li> <li>• <b>Street Lighting Asset Management - A Technology Review</b> Luis Gonzalez, Jacobs Engineering</li> <li>• <b>Building an Asset Hierarchy that Future-Proofs Your Organization</b> – Elaine Chang, SLBC &amp; Cristina Raileanu, Conectado</li> </ul>	<p>Platte River</p> <p>Lawrence A</p> <p>Lawrence B</p>
2:30pm – 3:00pm	<b>Coffee Break</b>	<b>Mezzanine Foyer</b>
3:00pm – 4:00pm	<p><b>Plenary Panel Discussion – Data as Strategic Assets</b></p> <p>Ryan Laruwe, Michigan Infrastructure Council David Kraft, Metropolitan Transportation Authority Moderator: Shiv Iyer, Atkins</p>	<b>Confluence Ballroom</b>
4:15pm – 5:45pm	<p><b>Optional Workshops – 4 options</b></p> <ul style="list-style-type: none"> <li>• <b>Designing an Undergraduate Course Curriculum on AM</b> Katty Fleming, Kennedy Jenks; Lauren Curnow &amp; Ruth Wallsgrove, AMCL</li> <li>• <b>ISO 55000 – Ask the TC251 Experts</b> Representatives of the Canadian and US ISO committees</li> <li>• <b>You Know More Than You Think: Getting Comfortable With Uncertainty</b> – Todd Shepherd, AMCL</li> <li>• <b>Responding to Drought and Climate Change</b> John Berggren, Western Resource Advocates</li> </ul>	<p>Platte River</p> <p>Lawrence A</p> <p>Lawrence B</p> <p>Blake</p>
6:30pm – 8:30pm	<p><b>IAM Awards Dinner</b></p> <p><b>Keynote – Climate Change Impacts in the Denver Region</b> David Julia, City &amp; County of Denver</p>	<b>Confluence Ballroom</b>

**Thursday, October 6 2022**

<b>Time</b>	<b>Activity</b>	<b>Location</b>
8:00am – 11:00am	Conference Registration and Information	Mezzanine Foyer
8:00am – 11:00am	Exhibition Space Open	Mezzanine Foyer
8:00am – 9:00am	Breakfast Buffet <i>Tables available in Confluence Ballroom</i>	Mezzanine Foyer
9:00am – 10:30am	<p>Technical Papers Session – 3 parallel tracks</p> <p><b>5A – Data Driven AM – Sponsored by FTI Consulting</b></p> <ul style="list-style-type: none"> <li><b>The Untamed Beast: Lessons Learned from EAM Implementations Gone Wild</b> Maxwell Brown &amp; Nick Lee, AMCL</li> <li><b>Optimized Asset Investment Planning: A Town of Newmarket Case Study</b> – Lisa Ellis, Town of Newmarket; Roozbeh Rashedi, Infrastructure Solutions; Simon Bush, WSP</li> <li><b>Port of Montreal: Digitizing and Visualizing Data to Lead</b> David D'Amboise, Port of Montreal; Bernard Gaudreault &amp; Nicolas Turcotte, Planifika</li> </ul> <p><b>5B – Building Better – Sponsored by Woolpert</b></p> <ul style="list-style-type: none"> <li><b>Closing the Infrastructure Gap for Canada's First Nations</b> Owen James, Associated Engineering</li> <li><b>A Science-Based Approach for Determining Business Asset Managerial Capacity</b> – Mark DeClerq, AAMC</li> </ul> <p><b>5C – Data Driven AM</b></p> <ul style="list-style-type: none"> <li><b>Aligning Business and Technology Designs in Implementing Asset Investment Planning</b> – Richard Edwards, AMCL</li> <li><b>Identifying &amp; Measuring Success in Achieving Sustainable Development through AM</b> – Laith Alfaqih, Stantec Engineering &amp; Mark Knight, 1898&amp;Co</li> <li><b>Asset Risk Analytics for Maintenance Planning and End-of-Life Assessment</b> – Nirvaan Bhagwandass, METSCO Energy Solutions</li> </ul>	<p>Platte River</p> <p>Lawrence A</p> <p>Lawrence B</p>
10:30am – 11:00am	Coffee Break	Mezzanine Foyer
11:00am – 12:00pm	Keynote – The Michigan Infrastructure Council AM Champion Program Erin Kuhn & Ryan Laruwe, Michigan Infrastructure Council	Platte River
12:00pm	Conference Closes	

# Venue Floorplans

## Lobby Level



## Mezzanine Level

