



Nov 20, 2025



**Annual
Meeting**



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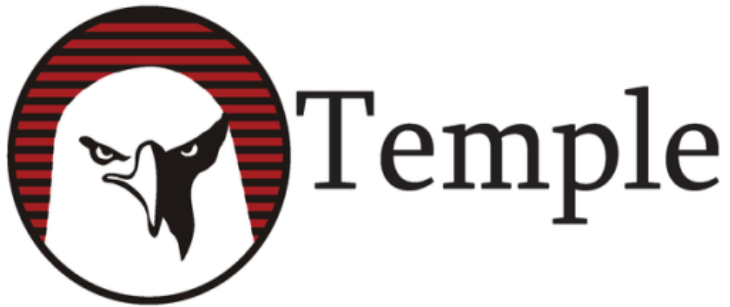
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Welcome!

Dear 2025 NCSITE Annual Meeting Attendees:

Welcome to the 2025 NCSITE Annual Meeting! We are excited to be hosting you here at the Friday Center in Chapel Hill, NC! The Annual Meeting Committee and the Agenda Committee have put together an agenda covering a wide range of topics, we hope that you find the topics enlightening and enjoy your time with us. Thank you to all that submitted an abstract this year – keep up the good research! Don't forget to have your badge scanned by an Authorized Session Scanner at each session you attend if you want to receive your PDH forms after the meeting.

Special thanks to all the vendors and sponsors for this year's meeting. Their bountiful support allows us to host this event at minimal cost to you. Please consider these firms and their contributions to NCSITE as you make your choices for projects and partnerships over the coming year and visit the vendors to learn more about the new services and technologies the industry has to offer.

HUGE thanks to all the people that help make this event possible. Please take a moment and thank the individuals listed on the Special Acknowledgements page in this program. These individuals have invested a significant amount of their personal time to ensure that you are treated to an exceptional agenda while honoring and recognizing our past presidents, award recipients, and scholarship winners.

Please introduce yourself to the student chapter members in attendance from UNC-Charlotte, North Carolina A&T, UNC Chapel Hill and NC State – they should have a green "Student" ribbon on their badge. Also keep an eye out for red "First Time Attendee" ribbons on people's badges who are attending their first annual meeting. The first-time attendees and students are paramount to the growth of our beloved organization!

Lastly, as in previous years, we have gathered some great items for the silent auction. All funds collected from the auction go directly to the student chapter scholarships, which will be announced at today's lunch banquet, so bid early and bid often!

WELCOME TO YOUR 2025 NCSITE ANNUAL MEETING!

Sincerely,
Matthew Stanley
NCSITE Annual Meeting Committee Chair

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Agenda

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7:30AM - 8:30AM	Registration		
8:30AM - 9:45AM	Opening Session: SIC Panel		
9:45AM - 10:00AM	Morning Break <i>Sponsored By: National Data and Surveying Services</i>		
10:00AM - 11:30AM Session #1	Storms, Stadiums, and Shutdowns: Transportation Under Pressure	Innovations in Freight Modeling and Urban Mobility	Designing for Multiple Priorities: Integrating Pedestrian, Bicycle, and Transit Design Elements
11:30AM - 1:15PM	Lunch <i>Sponsored By: STV, Inc.</i>		
1:15PM - 1:30PM	Short Break		
1:30PM - 3:00PM Session #2	Advancing Roadway Safety: Data-Driven Strategies for Protecting All Users	Reimagining the Crossroads: Smarter Interchanges and Intersections	Innovations in Traffic Signal Management and Mobility Analytics
3:00PM - 3:30PM	Afternoon Break <i>Sponsored By: Quality Counts</i>		
3:30PM - 5:00PM Session #3	AI, Drones, and Connected Vehicles: Next-Gen Transportation Tools	From Data to Delivery: Rethinking Transportation Solutions	Breaking News! Updates on Trip Generation, Safety, and Design Tools
5:00PM - 7:00PM	Reception, Silent Auction & Raffles <i>Sponsored By: Burns Services, Inc.</i>		

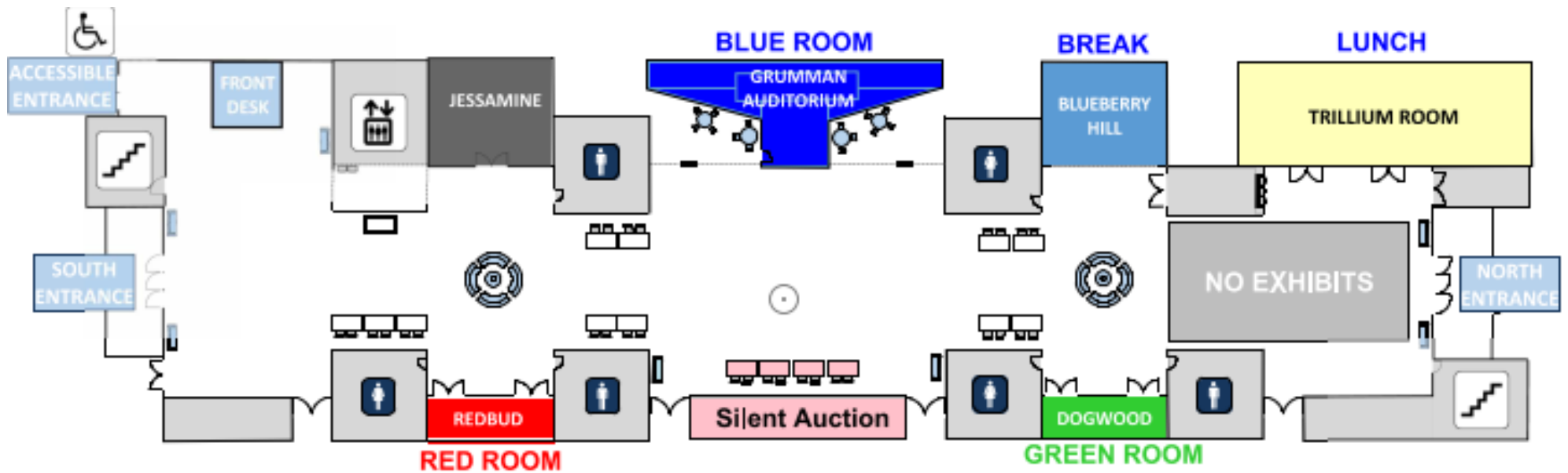


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Friday Center Map



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SIC Panelist Bio

Kevin Lacy



Kevin Lacy is a member of the Exult Engineering team. Prior to joining Exult, Kevin retired from the NCDOT as the Director of Strategic Planning and Programming providing oversight for the Transportation Planning, the Programming and Prioritization and the Strategic Initiatives Divisions. Prior to this role, he served as the Director of Transportation Mobility and Safety – State Traffic Engineer for nearly 19 years leading the advancement of Traffic Engineering, Traffic Operations, and Traffic Safety Efforts. Kevin is a past president of NCSITE.

Kevin is a proud member of the 1984 senior class of North Lenoir High School in LaGrange, North Carolina. He earned a Bachelor of Science in Civil Engineering in 1994 from North Carolina State University. Between high school and completing college, Kevin served in the United States Coast Guard where he worked on ice breakers in Seattle, and the aids to navigation (signing) on the North Carolina coast out of Fort Macon in Atlantic Beach.

When not working, Kevin and his wife enjoy cruising and traveling, Boating and fishing, and spending time with their 5 grandchildren.



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SIC Panelist Bio

Ed McKinney



Ed's career spans across 30 years of public and private sector experience in transportation, urban design, and community planning. Since joining the City of Charlotte in 2013, Ed has served in leadership roles for both the Planning and Transportation Departments and is currently serving as a Special Assistant to the City Manager for Mobility.

In this role he is helping implement the city's vision and plan for transportation investment to strengthen and support council's investment in housing affordability, workforce development, sustainability, and upward economic mobility.



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SIC Panelist Bio

Joe Milazzo



Joe has served as Executive Director of the Regional Transportation Alliance, the voice of the regional business community on transportation in North Carolina's Research Triangle metropolitan area, since the organization's founding in 2002. Joe's primary role is to provide strategic focus and direction for the regional business community to accelerate success on critical regional priorities. Under Joe's leadership, RTA has successfully advocated for the construction and advancement of \$3 billion in freeway, street, transit, and airport priorities.

Joe holds a master's degrees in both management and civil engineering from NC State and a bachelor's degree in civil engineering from Penn State. He has been a licensed professional engineer since 1998 and a registered lobbyist in North Carolina for more than 20 years. He is a 2020 graduate of Leadership North Carolina. He and his family live in Cary.



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SIC Panelist Bio

Seth Palmer



Seth Palmer is an experienced public affairs and government relations professional with nearly twenty years of experience advising elected officials, membership organizations, and businesses. He currently serves as the Director of Urban Affairs at the NC League of Municipalities, where he manages numerous policy issues and directs federal government relations for the League on behalf of member cities across North Carolina.

Seth also acts as Secretary/Treasurer and staff liaison to the NC Metropolitan Mayors Coalition, an advocacy group representing the state's largest cities. A graduate of North Carolina State University, Seth resides in Knightdale with his family.



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Opening Session

8:30AM - 9:45AM

Blue Room Grumman



Opening Remarks & Council and
User Group Updates

Mike Reese, PE, CPM

Strategic Initiatives Panel

moderated by Joe Hummer, PhD, PE, SIC Chair

Panel Discussion Topic:

Legislation and Policy Changes of 2025



2025 NCSITE President, Mike Reese

Strategic Initiatives Panelists

Kevin Lacy - Exult Engineering

Ed McKinney - City of Charlotte

Joe Milazzo - Regional Transportation Alliance

Seth Palmer - NC League of Municipalities

(Click Panelist Name For Their Bio) 



Joe Hummer, PhD, PE, SIC Chair

9:45AM -10:00AM

Morning Break

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Session #1



10:00AM - 11:30AM

Storms, Stadiums, and Shutdowns: Transportation Under Pressure		Blue Room Grumman
Moderator: Zachary Bugg, PhD, PE, Kittelson & Associates		
Presentation #1	Assessing Essential Service Accessibility Resilience Following Hurricane Helene: A Parcel-Level Analysis of Recovery Patterns in Western North Carolina <i>Venktesh Pandey, PhD, NC A&T; Komal Gulati, NC A&T</i>	
Presentation #2	Best Practices for Natural Disaster Infrastructure Recovery to Inform Hurricane Helene Recovery Strategy in Western North Carolina <i>Tim Brock, AICP, ITRE; Mary Warren, ITRE</i>	
Presentation #3	The Belichick Effect: A Proactive Approach to Adapting Gameday Operations as a Result of a Football Coach Hire <i>Nathan Rhomberg, PE, Kimley-Horn; Nathan Butler, PE, Kimley-Horn</i>	
Presentation #4	Big Beam Weekend – Closing the Capital Beltway Inner Loop in Virginia for an Entire Weekend <i>Jerry Mrykalo, PE, PTOE, DBIA, Dewberry; Shelley Wynne, PE, PTOE, RSP1, Dewberry</i>	
Innovations in Freight Modeling and Urban Mobility		Green Room Dogwood
Mike Surasky, PE, PTOE, Dewberry Engineers		
Presentation #1	Integrating Freight and Service Trip Generation into Urban Transportation Decision-Making <i>Carlos Gonzalez-Calderon, PhD, UNC Charlotte</i>	
Presentation #2	Modeling Freight Mode Choice: A Multinomial Logit Approach with Empirical Calibration <i>Md Abdullah Al Hasan, NC State</i>	
Presentation #3	AAM Planning for Local NC Communities <i>Jason Schronce, PE, NCDOT Aviation; Alex Rotenberry, AICP, NCDOT Aviation</i>	
Presentation #4	Truck Parking Solutions using Reservation and Facility Location: A North-Carolina Case Study <i>Komal Gulati, NC A&T; Venktesh Pandey, PhD, NC A&T</i>	
Designing for Multiple Priorities: Integrating Pedestrian, Bicycle, and Transit Design Elements		Red Room Redbud
Zachary Hallock, PE, AICP, McAdams		
Presentation #1	Incorporating Pedestrian and Bicycle Safety in Design Decisions Via the TDOT 20 Flags Guide <i>Andrew Ooms, PE, PTOE, RSP, Kittelson & Associates, Inc</i>	
Presentation #2	Pedestrian Design Options at RCI and Thru Cuts <i>Gilbert Chlewicki, PE, BES Inc</i>	
Presentation #3	RUS Bus: Balancing Competing Interests in Transit Facility Design <i>Betty White, PE, Kimley Horn</i>	
Presentation #4	Charlotte ThinkBike Workshop: Bring the Dutch Cycling Expertise to Challenging Urban Arterials for a People First Approach <i>Lyuba Zuyeva, AICP, VHB; Dave Campbell, City of Charlotte</i>	



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Lunch

11:30AM - 1:15PM



Words of Thanks

Todd Brooks, Mentoring Program Committee Chair

Recognition of Past Presidents

Mike Reese, PE, CPM, NCSITE President

President's Message

Mike Reese, PE, CPM, NCSITE President

Scholarships

Ty Parham, NCSITE Section Director and Scholarship Committee Chair

Presentation of Awards

Carrie Simpson, PE, NCSITE Awards Committee Chair

Project Award Presentation

Village of Clemmons SS4A Comprehensive Safety Action Plan

Introduction of 2026 Board of Directors & New Board Oath

Stephen Bolt

New President's Message

Sravya Suryadevara, PE, NCSITE President 2026

Lunch Sponsored By:



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2025 NCSITE Board of Directors

President: [Mike Reese \(NCDOT\)](#)

Vice President: [Sravya Suryadevara \(Atkins Realis\)](#)

Secretary-Treasurer: [Bobby Croom \(City of Winston-Salem\)](#)

Past President: [Kellie Reep \(LJB, Inc.\)](#)

Section Director: [Ty Parham \(Charlotte DOT\)](#)

Southern District Representative: [Sarah Wicklund \(Patriot Transportation\)](#)

Southern District Representative: [Stephen Bolt \(Charlotte DOT\)](#)

Strategic Initiatives Council Chair: [Joseph Hummer \(NCDOT\)](#)

Consultant-Vendor Council Chair: [Andy Mix \(Quality Counts\)](#)

Traffic Engineering Council Chair: [Caroline Cheeves \(DRMP\)](#)

Transportation Planning Council Chair: [Kristina Whitfield \(Kimley-Horn\)](#)

Young Members Council Chair: [Morgan Rosamond \(Kimley-Horn\)](#)

Operations Committee Chair: [Russell Smith \(HNTB\)](#)

Finance Committee Chair: [Justin Carroll \(Charlotte DOT\)](#)

Membership Committee Chair: [Brian McGill \(City of Fayetteville\)](#)

Awards Committee Chair: [Carrie Simpson \(NCDOT\)](#)

Mentorship Program Committee Chair: [Todd Brooks \(Dewberry\)](#)

Executive Associate: [Candace Cansler](#)



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2026 NCSITE Board of Directors

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Session #2

1:30PM - 3:00PM



Advancing Roadway Safety: Data-Driven Strategies for Protecting All Users		Blue Room Grumman
Josh Reinke, PE, Bolton & Menk, Inc.		
Presentation #1	Fast & Dangerous: Engineering Solutions to Reckless Driving BenJetta Johnson, PE, NV5	
Presentation #2	Enhancing Bicycle and Pedestrian Safety: Leveraging Near-Miss Data Along GDOT Corridors Christy Jeon, PE, AICP, AtkinsRealis; Andy Mix, Quality Counts	
Presentation #3	Systemic Safety Prioritization of Vulnerable Road Users Using Predictive and Spatial Risk Models: A Virginia Case Study Faria Amin, PE, AICP, UNC Charlotte	
Presentation #4	Speed Safety Cameras Dan Gelinne, UNC Highway Safety Research Center	
Reimagining the Crossroads: Smarter Interchanges and Intersections		Green Room Dogwood
Sarah Wicklund, PE, Patriot Transportation Engineering, PLLC		
Presentation #1	Innovative Intersections and Interchanges: Adaptive Technology for the Diverging Diamond Interchange Marissa Tarallo, PE, PTOE, AKRF; William McElroy, AKRF	
Presentation #2	A New Directory of 85 Grade-Separated Intersections Joe Hummer, PhD, PE, NCDOT	
Presentation #3	Developing a Crash Modification Factor for Converting from an At-Grade Intersection to a Diamond Interchange Meghna Chakraborty, PhD, UNC Highway Safety Research Center	
Presentation #4	Turning Left, The Right Way – New Median U-Turn and DDI in Huntersville Alex Wiseman, PE, STV Engineers, Inc.	
Innovations in Traffic Signal Management and Mobility Analytics		Red Room Redbud
Lauren Triebert, PE, VHB		
Presentation #1	Modernizing Signal Timing: Insights from NCDOT's Data-Driven Pilots Nathan Butler, PE, Kimley-Horn; Molly Burke, PE, Kimley-Horn	
Presentation #2	PBSPMs vs. ATSPMs: Choosing the Right Tool for Modern Signal Management Kanaad Deodhar, Flow Labs; Joshua Wendt, EI, Exult Engineering	
Presentation #3	Big Data for Big Problems: Novel Uses of Big Data to Project the Future Andrew Babb, PE, AICP, Bolton & Menk	
Presentation #4	WiLDash: Develop and Pilot a Web-GIS Dashboard for Wi-Fi Log Data Processing and Analysis for Human Mobility Lei Zhu, UNC Charlotte; Qingrong Yang, UNC Charlotte	

3:00PM - 3:30PM

Afternoon Break

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Session #3

3:30PM - 5:00PM



AI, Drones, and Connected Vehicles: Next-Gen Transportation Tools		Blue Room Grumman
Andrew Ritter, PE, HNTB		
Presentation #1	Using AI at midblock, school, and trail crossings Roger Brook, ConnVAS	
Presentation #2	The use of drone technology in traffic signal retiming Tarcisio Muratori, PE, AMT Engineering; George Lilja, EIT, AMT Engineering	
Presentation #3	Exploring E-Scooter First-and-Last-mile Connection Travel Patterns and Transit Ridership Impact Rachael Yuan, UNC Charlotte; Lei Zhu, PhD, UNC Charlotte	
Presentation #4	Preliminary Evaluation on Impact of the Multimodal Connected Vehicle Pilot on Traffic Efficiency: A Raleigh Case Study Using Probe Data Dezhong Xu, NC State; Chris Cunningham, PE, ITRE	
From Data to Delivery: Rethinking Transportation Solutions		Green Room Dogwood
Eric Lamb, PE, FITE, STV, Inc.		
Presentation #1	A Multidisciplinary Approach to Customer Service Evaluation in State Transportation Systems Mohammad Ashraf Ali, NC A&T; Fahim Kafashan, NC State	
Presentation #2	Data is NOT the final answer! Timothy Tresohlavy, AICP, GISP, Bolton & Menk Inc.	
Presentation #3	White Oak Roundabout Delivery Jonathan Reid, PE, PTOE, Arcadis	
Presentation #4	Horses, Banks, and Mobility Hubs? Kate Cavazza, Kimley-Horn	
Breaking News! Updates on Trip Generation, Safety, and Design Tools		Red Room Redbud
Kevin Lacy, PE, Exult Engineering		
Presentation #1	ITE Trip Generation Manual Update Overview and NCDOT Congestion Management Updates Mike Reese, PE, CPM, NCDOT - Congestion Management; Elise Groundwater, NCDOT - Congestion Management	
Presentation #2	What Do You Do When It Is Not In The Book? David Hyder, PE, J.M. Teague Engineering & Planning	
Presentation #3	NCDOT Safety Countermeasure Tools Thomas Chase, PE, NCDOT; Kendra Klemann, NCDOT	
Presentation #4	Best Practices for Mini and Modular Roundabouts Zachary Bugg, PhD, PE, Kittelson & Associates, Inc.	

5:00PM - 7:00PM
Reception & Silent Auction
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Silent Auction & Raffles



Silent Auction

The silent auction helps support students by contributing to the NCSITE Scholarship fund. The auction items are showcased in the lobby between the Dogwood (Green) and Redbud (Red) rooms. We encourage you to support our students by placing bids on items that capture your interest.

Raffles

At the reception, there will be a raffle for all attendees. There will be a special Toys-for-Tots Drive you should have received a blue raffle ticket for upon receipt of toy donation. Forgot a toy and want to donate? Click here! 

Lori Cove Fundraiser

Next year marks 10 years since Lori Cove was struck by a driver while riding her bike in Cary. At this year's Annual Meeting, we will be holding a fundraiser to help offset the costs Lori's family incurs to care for and spend time with her. We also invite NCSITE members to participate in a special holiday mail campaign. Lori loves receiving mail, and your notes, photos, and holiday greetings bring her joy and connection. Whether you knew Lori personally or simply want to share a message of support, your kindness will mean the world.

How You Can Help:

Donate at the Annual Meeting to support Lori's family. There will be a raffle for those who donate!

Send a note or photo to Lori for Christmas—materials will be available at the meeting.



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Special Acknowledgements



There is no way that this meeting could have been accomplished without the help of many NCSITE members who make this day possible. We would like to thank and acknowledge the following people:

Mike Reese - Thank you for all you've done this year as President and leading NCSITE with integrity and passion.

Caroline Cheeves for leading the Agenda Committee.

Agenda Committee Members - Zachary Bugg, Zachary Hallock, Joseph Hummer, Kevin Lacy, Eric Lamb, Sravya Suryadevara, Andy Wagner, Kristina Whitfield and Sarah Wicklund.

Carrie Simpson and Ty Parham for all your work with the awards and scholarship committees this year.

Morgan Rosamond and Andy Wagner for keeping NCSITE funner with the Traffic Bowl/Social yesterday evening.

Andy Mix for ensuring that we have sponsors and vendors for each event. This event truly couldn't happen without funding!

Andrew Bell and Tyler Fowler for their work in organizing the golf tournament this year.

Andy Wagner and Russell Smith for taking care of the website, registrations and check-in.

Matthew Stanley for taking the immense effort to put this great conference together!

Annual Meeting Committee Members - Caroline Cheeves, Brittany Groome, Zachary Hallock, Paul Omulokoli, Divya Pappu, Morgan Rosamond, Jessica Vestal, Joshua Wendt and Seth Wilder.

Presenters for choosing this meeting as a platform to share your thoughts and projects.

Attendees - Thank you for showing up today!



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