

# Wednesday, April 15, 2026

Before 8:00 am	<i>Breakfast on your Own</i>							
8:00 am - 4:00 pm	<i>Conference Check-In at The Cliffs</i>							
8:00 am - 9:00 am	<i>Transportation to Campus and Networking</i>							
9:00 am - 4:00 pm	<i>Pre-Conference Sessions Cal Poly Campus - Transportation from the Cliffs provided throughout the day</i>							
	<i>Pre-Conference Sessions</i>							
	<b>Track 1</b>	<b>Track 2</b>	<b>Track 3</b>	<b>Track 4</b>	<b>Track 5</b>	<b>Track 6</b>	<b>Track 7</b>	<b>Board</b>
	<b>Bldg186 - B102 (DeMattei)</b>	<b>Building 186 - A112</b>	<b>Building 186 - A215</b>	<b>Building 186 - B203</b>	<b>Bldg186 - B102 (DeMattei)</b>	<b>Building 186 - B202</b>	<b>Building 186 - B206</b>	<b>Morley Conf. Room</b>
<b>Topic:</b>	<b>Tours</b>	<b>Panels</b>	<b>Education</b>	<b>Round table</b>	<b>Work Zone</b>	<b>Con Tech Training</b>	<b>Doctoral Forum</b>	<b>ASC Board</b>
<b>Moderator:</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>
<b>9:00 am - 10:20 am</b>	Cal Poly Campus Tour	Women in Construction Panel	Teaching AI in Construction Management Curriculum to meet the evolving tools used by industry	Executive Leadership	Work Zone (Study lounge area)	Revizto Training	Doctoral Forum	
<b>10:20 am - 10:40 am</b>	<i>Networking Break</i>							
<b>10:40 am - 12:00 pm</b>	Cal Poly Campus Tour	Cal Poly Housing Panel	Navigating AI in the Higher Ed Classroom Education		Work Zone (Study lounge area)	Procure Training	Doctoral Forum	ASC Board Meeting (11am - 3pm)
<b>12:00 pm - 1:00 pm</b>	<i>Lunch &amp; Networking</i>							
	<i>Pre-Conference Sessions</i>							
	<b>Track 1</b>	<b>Track 2</b>	<b>Track 3</b>	<b>Track 4</b>	<b>Track 5</b>	<b>Track 6</b>	<b>Track 7</b>	<b>Board</b>
	<b>Bldg186 - B102 (DeMattei)</b>	<b>Building 186 - A112</b>	<b>Building 186 - A215</b>	<b>Building 186 - A203 XL</b>	<b>Bldg186 - B102 (DeMattei)</b>	<b>Building 186 - B202</b>	<b>Building 186 - B206</b>	<b>Morley Conf. Room</b>
<b>Topic:</b>	<b>Tours</b>	<b>Panels</b>	<b>Education</b>	<b>Round table</b>	<b>Work Zone</b>	<b>Con Tech Training</b>	<b>Doctoral Forum</b>	<b>ASC Board</b>
<b>Moderator:</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>
<b>1:00 pm - 2:20 pm</b>	Modular Dorm Project Tour	MEP Contracting Panel	Teaching Mass Timber materials and available products Softwood Lumber Board	Women in Construction Round table	Work Zone (Study lounge area)	Autodesk training	Doctoral Forum	ASC Board Meeting (11am - 3pm)
<b>2:20 pm - 2:40 pm</b>	<i>Networking Break</i>							
<b>2:40 pm - 4:00 pm</b>	Modular Dorm Project Tour	AI in Construction Panel	Teaching Mass Timber means and methods XL Construction	TBD -Drone 3D Scanning Demonstration	Work Zone (Study lounge area)	Bluebeam training	Doctoral Forum	
<b>4:00 pm - 5:00 pm</b>	<i>Transportation to Campus and Networking</i>							
<b>5:00 pm - 7:00 pm</b>	<i>Welcome Reception - Flavor of Cal Poly - Spanos Stadium Cal Poly</i>							
<b>5:00 pm - 5:30 pm</b>	<i>Welcome Reception - Madden Center Tour Group 1 - Networking - Flavor of Cal Poly - Spanos Stadium Cal Poly</i>							
<b>5:30 pm - 6:30 pm</b>	<i>Welcome Program</i>							
<b>6:30 pm - 7:00 pm</b>	<i>Welcome Reception - Madden Center Tour Group 2 - Networking - Flavor of Cal Poly - Spanos Stadium Cal Poly</i>							
<b>7:00 pm - 8:00 pm</b>	<i>Transportation to Cliffs and Networking</i>							

# Thursday, April 16, 2026

7:00 am - 4:00 pm	Conference Check-In							
7:00 am - 3:30 pm	Poster Display & Publisher Displays (Tent)							
7:00 am - 4:00 pm	Sponsor Booths - Conference Center Foyer							
7:00 am - 8:00 am	Breakfast and Networking (Tent)							
8:00 am - 9:00 am	Welcome & Keynote by Lalith Subramanian, Autodesk (Tent)							
9:00 am - 9:15 am	Presentation Moderator Briefing (Tent)							
9:00 am - 9:15 am	Networking Break							
	Paper Sessions							
	Track 1	Track 2	Track 3	Track 4	Track 5	Committee	Tent	Board
	Pinor Noir	Cabernet	Sauvignon	Beaujolais	Zinfandel	Voyager(Spyglass)		Pacific View
Topic:	Construction Education	Construction Education - Administration	Construction Workforce and Organizational Management	Health, Safety, and Quality Management	Sustainability			
Moderator:	Lauren Redden	David Jeong	Tom Leatham	Aziz Banawi	Gilles Albeaino			
9:15 am - 9:30 am	82 Shandon Gubler, Clifton Farnsworth and Richard West  Blended Learning in Construction Management Education: A Faculty-Focused Literature Review	92 Tulio Sulbaran, Jared Burgoon, Olugbenro Ogunrinde and Rachel Mosier  Artificial Intelligence Decision Tree Model of Construction Students' Four-Year Outcome	8 Ethan Cornelius, Kenneth Sands, Tom Leatham, Richard Burt and C. Ben Farrow  The Evolving Role of Construction Superintendents Across Project Contexts	85 Nana Kwabena Asamoah Antwi, Didong Xu, Gilles Albeaino and Chukwuma Nnaji  Cognitive Workload in Human-Robot Collaboration in Construction: A Systematic Review	91 Jarrett Reiter, Xin Luo and Yong Bai  The Price of Appearance: How Building Façade Maintenance Shapes Rental Markets	Education Committee	Posters 9:15-11:15	
9:30 am - 9:45 am	110 Thais Alves and Sagata Bhawani  Teaching Lean Construction Principles and Methods Across the Construction Curriculum	5 Anthony Perrenoud  Enhancing Construction Management Facilities: A Delphi Study of Student Perspectives	12 Kimberly Smith and Sanjeev Adhikari  Emotional Intelligence and Transformational Leadership in the AEC Industry: Exploring Traits of Effective Leadership	97 Neema Opiyo, Alicia Wharton and Duga Ewuga  Building Safety Through Collaboration: How Design and Build Contractors Adapt to the New UK Building Safety Act22	118 Mohsen Goodarzi, Tamer Breakah, Mohammadsoroush Tafazzoli, Mohamed Metwally and Mohsen Garshasby  Strategic Alignment in Green Building Certification: An Importance Performance Analysis of LEED v4 New Construction Projects			
9:45 am - 10:00 am	141 Somik Ghosh, Kofi Asare and Ben Bigelow  Bridging the Skills Gap: Stakeholder Perspectives on Construction Workforce Development	160 Imran Jebarah, Wesley Collins and Shadi Alathamneh  Mapping ASC Annual Conference Publications (2007-2025): A Descriptive Bibliometric Study	20 Heba Al Kailani, Minerva Bonilla, Uihyeon Lee, Muneera Kabani and Yajie Liu  The Pre-Career Exodus: Why Female AEC Students Consider Leaving Before Entering the Workforce	131 Didong Xu, Nana Kwabena Asamoah Antwi and Gilles Albeaino  Validation of a Virtual Reality Environment for Research on Human-Drone Interaction in Construction	3 Anupa Silwal, Elnaz Safapour, Behzad Rouhanizadeh, Surendra Nepal and Saurab Baral  Social Vulnerability Assessment of Gulf Coast States			
10:00 am - 10:15 am	114 Sundeep Inti and Mavis Bediaku  From Breadth to Depth : A Transformative Sustainability Learning Approach to Teaching Sustainable Construction	10 Rachel Mosier, Tulio Sulbaran and Olugbenro Ogunrinde  A Systematic Literature Review on Construction Faculty Research, Teaching, and Service	22 Charlie Rawcliffe and Onur Dursun  Exploring the Impact of COVID-19 on Quantity Surveyors, and the Future of Work within the UK Construction Industry	37 Mohammad Dabash, Dyala Aljagoub, Edgar Small, Ri Na and Abdulaziz Banawi  A Deep Learning-Driven System for Real-Time Detection, Identification, and Documentation of Unsafe Behaviors in Construction: Case Study	62 Sherif Attallah and Jennifer Warner  Data Centers in Indiana and the Midwest: Assessment of Power and Water Demand in the AI Era			
10:15 am - 10:30 am	Networking Break							
	Paper Sessions							
	Track 1	Track 2	Track 3	Track 4	Track 5	Committee	Tent	Board
	Pinor Noir	Cabernet	Sauvignon	Beaujolais	Zinfandel	Voyager(Spyglass)		Pacific View

Topic:	Construction Education	Construction Education	Technology	Construction Workforce and Organizational Management	Sustainability					
Moderator:	Minerva Bonilla	Mark Tatum	Tommy Tafazzoli	Tim Becker	Tamer Breakah					
10:30 am - 10:45 am	36 Rachel Mosier, Sanjeev Adhikari, Sandeep Langar and Manideep Tummalapudi  Preparedness and Perceptions of Construction Faculty to Online Learning Environment (OLE) amid Exogenous Circumstances Transition	126 Somik Ghosh, Kofi Asare and Doyle Phillips  Transforming Teaching and Learning Through Student-Faculty Partnership	106 Caleb M. Powell, Eric M. Wetzel and Kenneth S. Sands II  Automated Construction Site Intrusion Deterrence Through 2D LiDAR and Passive Infrared Sensing	172 Saiteja Vattikuti, Yupeng Luo, Manideep Tummalapudi and Maria Calahorra Jimenez  Evaluating Skilled Labor Shortage Impacts on Construction Cost and Schedule: A Case Study of the California High-Speed Rail Project	54 Mojgan Moradi, Tamara McCuen and Lloyd Scott  Global Adoption of ISO 59000 Circular Economy Standards in Construction: A Cross-Country Benchmarking Study Using Normalized Circularity Indicators	Research Committee	Posters 9:15-11:15			
10:45 am - 11:00 am	87 Tulio Sulbaran, Sandeep Langar and Amani Qasrawi  Instructional Value and Quality of Science, Technology, Engineering, and Mathematics (STEM) Engagement Activities for Educators	177 Lauren Elizabeth Hackney, Maryam Kouhirostami and Jeff Ponitz  Mass Timber Interdisciplinary Studio	137 Rizwan Farooqui, Abid Hassan, Abhinav Dhakal and Asad Malik  Design and Implementation of a Low-Power Multi-Sensor Wearable with Real-Time BLE Data Streaming for Construction Safety Applications	39 Anthony Mills, John Kite, Argaw Gurmu and Alexia Nalewaik  Stakeholder Perspectives on Successful Apprenticeship Completion	95 Abimbola Windapo, Malehloa Makhupane, Nkateko Nkosi and Steve Kabemba Ngoy  Evaluation of Green Building Practices Effective in Reducing Carbon Emissions in South African Housing and Barriers to Adoption					
11:00 am - 11:15 am	28 Sanjeev Adhikari, Adeebuddin Hussaini Mohammed and Pavankumar Meadati  Enhancing Construction Education through Integrated 2D, 3D, and VR Visualization Technologies	46 Evan Bingham, Andrew South, James Smith and Clifton Farnsworth  Trends Toward Engineering and Math: A Longitudinal Analysis of STEM Rigor in Construction Curricula	157 Hooman Sadeh, Dominick Geloso and Dimitar Todorov  Testing AI Accuracy in Quantity Takeoff: A Methodological Case Study in Commercial Construction	47 Areeba Khan, Gilles Albeaino, Zhenyu Zhang, Charles Gurganus and H. David Jeong  Comparative Analysis of Construction Inspector Training Programs Across State Departments of Transportation	112 Sukumar Bachu and Tolulope Sanni  Application of Generative AI for Waste Reduction in Construction - A Systematic Review					
11:15 am - 11:30 am	9 Rachel Mosier, Tulio Sulbaran, Sanjeev Adhikari and Sandeep Langar  A Proposed Approach to Describe Online Construction Educator Perspectives beyond Word Cloud	101 Deniz Besiktepe, Kyubyung Kang, Bradley L Benhart, Emad Elwakil and Dan Christopher  Bridging Industry and Academia: Faculty Externship for Applied Construction Education in Electrical Contracting Case Study	83 Jason Miller  How Are AI-Enabled Workflows Reshaping Employment Criteria & Informing CM Programs	63 Jelilat Akinlolu and Francois Jacobs  The Development of an Integrated CTE Platform in Support of Workforce Training	122 Zachary Pollock and Maryam Kouhirostami  Assessing Fire Risks in San Luis Obispo: The Impact of Building Construction and Landscaping on Wildfire Vulnerability					
11:30 pm - 12:45 pm	<b>Lunch &amp; Networking (Tent)</b>									
12:45 pm - 01:15 pm	<b>Keynote by Mike Humphrey, DPR (Tent)</b>									
1:15 pm - 1:45 pm	<b>Awards (Papers, Posters, Teaching, Research)(Tent)</b>									
1:45 pm - 2:00 pm	<b>Networking Break</b>									
<b>Region 1-9 Business Meetings</b>										
2:00 pm - 3:15 pm	Region 1	Region 2	Region 3	Region 4	Region 5	Region 9	Region 6 & 7	Region 8		
	Pinor Noir	Cabernet	Sauvignon	Beaujolais	Zinfandel	Voyager(Spyglass)	Tent	Pacific View		
3:15 pm - 3:30 pm	<b>Networking Break</b>									
<b>Paper Sessions</b>										
	Track 1	Track 2	Track 3	Track 4	Track 5	Committee	Tent	Board		
	Pinor Noir	Cabernet	Sauvignon	Beaujolais	Zinfandel	Voyager(Spyglass)		Pacific View		
Topic:	AEC Materials	Construction Education	Technology	Construction Workforce and Organizational Management	Sustainability					
Moderator:	Rizwan Farooqui	Yewande Abraham	Irfan Anwar	Somik Ghosh	Thais Alves					

	<b>International Development Committee</b>							
<b>3:30 pm - 3:45 pm</b>	<b>55</b> Shaghayegh Kurzinski, Mia Raley, Joel Singley and Emily Maines  Durability Assessment of Coated Cross-Laminated Timber (CLT) Wall and Slab Panels with and without Weather and Vapor Barriers under Coastal Exposure	<b>99</b> Scott Kelting and Andrew Kline  Student Perceptions of Preparation Strategies for the ASC Student Competition	<b>16</b> Rachel Mosier, Tulio Sulbaran, Sanjeev Adhikari and Sandeep Langar  Barriers to Technology Integration in the Construction Workforce	<b>73</b> Jishnu Subedi  Construction Research and Interdisciplinarity: Insights from NSF-Funded Awards	<b>134</b> Amr Mansour and Mohammed Hashem Mehany  Material Inventories and Circular Economy Strategies in Construction – A Literature Synthesis			
<b>3:45 pm - 4:00 pm</b>	<b>49</b> Shaghayegh Kurzinski, Pouria Mahdaviyani, Ellis Hwang, Carson Boswell and Shayan Mirzabeigi  Comparative Thermal Performance Analysis of Cross-laminated Timber (CLT) Exterior Walls under Varying Insulation Configurations and Climatic Conditions in the Northeastern United States	<b>135</b> Samia Ebrahiem, Jishnu Subedi, Tareq Baker, Lahiru Silva and Mohamed Nazir  HyFlex Classroom Delivery in Post-Secondary Education: Perspectives of Faculty	<b>72</b> Sushmit Sharma Bhattarai, Sabin Bhandari and Hyunhwan Kim  What Works Now in AEC in the Post-ChatGPT Era: A Phase Aligned Evidence Map of AI Startup Value	<b>117</b> Swikriti Shrestha, Ben Bigelow and Tamera McCuen  Knowledge Transfer in Construction – Project Team Perspectives From Small and Medium General Contractors	<b>138</b> Yangxi Bai and Endong Wang  Investigating the Effects of Prompt Design on LLM-Generated Priors for Bayesian Calibration in Building Energy Simulation			
<b>4:00 pm - 4:15 pm</b>	<b>68</b> Mark E. Jacobson, James Olaonipekun Toyin and Anoop Sattineni  UFGS for Cold Recycled Asphalt: A Specification Framework Informed by Practice	<b>143</b> Oluwatobiloba Olanipekun, Yewande Abraham, Lucio Salles, Sagata Bhawani and Lisa Greenwood  Embedding Sustainability Concepts in an Introductory Civil Engineering Technology Course	<b>80</b> Jaswanthi Anandha Sudhan, Rodolfo Valdes-Vasquez and Brent Pilgrim  Underutilized Potential: A Review of Digital Twin Implementation in Preconstruction	<b>139</b> Elizabeth Adams, Grace Arrison, Kylie Parrotta and Stacy Kolegraff  Understanding Student Expectations for Internships: Conversations with Students	<b>144</b> Clifton Farnsworth, Andrew South, Michael Bown, Rachel Partington and Cooper Foss  Assessing Sustainability in the Electrical Construction Industry: Comparing Suppliers and Contractors			
<b>4:15 pm - 4:30 pm</b>	<b>124</b> Tamer Breakah, Mohsen Goodarzi, Mohamed Abdel Raouf and Tarek Mahfouz  Using AI with Machine Learning Models to Predict Concrete Compressive Strength	<b>171</b> Maryam Kouhirostami and Kelsey Ginori  Preparing CM Students for Design-Build Projects: Lessons from an Interdisciplinary Integrated Planning and Design Course	<b>70</b> Sushmit Sharma Bhattarai, Sabin Bhandari, Mithil Mazumder and Hyunhwan Kim  Construction Management Alumni Assessment of Digital Technology Importance, Impact, and Enablers	<b>113</b> Ibilola Ogundare, Rebecca Kassa, Brian Lines, Jake Smithwick and Kenneth Sullivan  A Review of the Impact of Multiskilling on Construction Project Outcomes	<b>147</b> Taofiq Mohammed, Mohammad Zunaied Bin Harun and Ebenezer Fanijo  Early-Age Behavior of Calcium Carbide Residue in Slag-Based Geopolymer Binders			
<b>4:30 pm - 4:45 pm</b>	<b>Networking Break</b>							
	<b>Paper Sessions</b>							
	<b>Track 1</b>	<b>Track 2</b>	<b>Track 3</b>	<b>Track 4</b>	<b>Track 5</b>	<b>Committee</b>	<b>Tent</b>	<b>Board</b>
	<b>Pinor Noir</b>	<b>Cabernet</b>	<b>Sauvignon</b>	<b>Beaujolais</b>	<b>Zinfandel</b>	<b>Voyager(Spyglass)</b>		<b>Pacific View</b>
<b>Topic:</b>	Mixed	Construction Education	Technology	Construction Workforce and Organizational Management	Sustainability			
<b>Moderator:</b>	<b>Navid Nickdoost</b>	<b>Sanjeev Adhikari</b>	<b>Yuan Sun</b>	<b>Marina Figueiredo Muller</b>	<b>Nana Kwabena Asamoah Antwi</b>			
<b>4:45 pm - 5:00 pm</b>	<b>90</b> Amaal Al Shenawa and Daniela Pinzon Forero  Vertical Construction: Skyscrapers as the Future of Urban Development	<b>56</b> Vartenie Aramali, Shu-Sha Guan and Weston Widmeyer  Exploring Construction Site Safety Awareness, Growth Mindset, and Artificial Intelligence Perspectives among Construction Management Students: A Pilot Study	<b>7</b> Saman Hedjazi  Construction-Stage Challenges in Balanced Cantilever Concrete Box Girder Bridges: Time-Dependent Deformation and Closure Alignment	<b>71</b> Sushmit Sharma Bhattarai, Alka Subedi, Fereshteh Rahmani, Soon-Jae Lee and Hyunhwan Kim  Evaluating TxDOT's Pavement Asset Management Maturity using ISO 55000, GFMAM, and FHWA Criteria	<b>164</b> Sagar Bista, Sandeep Langar and Somik Ghosh  Can you see it? Is Green Infrastructure invisible?			

5:00 pm - 5:15 pm	<p style="text-align: center;"><b>75</b></p> <p>Fereshteh Rahmani, Alka Subedi, Sushmit Sharma Bhattarai, Hyunhwan Kim and Soon-Jae Lee</p> <p>Influences of Aggregate Type and Morphology on the Mechanical Performance of Concrete</p>	<p style="text-align: center;"><b>59</b></p> <p>Steven Schultz, Charles Gurganus and Rick Davenport</p> <p>Highway Construction Workforce Partnership Post-Mortem</p>	<p style="text-align: center;"><b>154</b></p> <p>Saiprudhvi Donthula, Wei Wu, Yupeng Luo and Manideep Tummalapudi</p> <p>A Critical Review and Metadata-Driven Analysis of Artificial Intelligence (AI) Applications in the Construction Industry across Project Lifecycles</p>	<p style="text-align: center;"><b>81</b></p> <p>Olugbenro Ogunrinde, Jared Burgoon, Rachel Mosier and Tulio Sulbaran</p> <p>Assessing the Prevalence, Determinants, and Impact of Mental Health in the American Construction Industry</p>	<p style="text-align: center;"><b>15</b></p> <p>Rashid Maqbool, Jialin Li, Eaint Mhu Khin and Saleha Ashfaq</p> <p>Project Management Approaches Influencing Sustainable Practices Adoption in UK Construction under the Shadow of Lack of Knowledge, Reluctant Behaviours, and Economic Issues</p>				
5:15 pm - 5:30 pm	<p style="text-align: center;"><b>32</b></p> <p>Andrew Barnes</p> <p>A Royal Review of Soft Skills in the AI Era</p>	<p style="text-align: center;"><b>108</b></p> <p>Christopher Zoz, Roy Sturgill and Jennifer Shane</p> <p>Assessing Preparation for Professional Engineering Licensure in U.S. Construction Engineering Programs</p>	<p style="text-align: center;"><b>88</b></p> <p>Garima Soharu Bhandari, Neelkumar Subhashbhai Ahir and Atefeh Mohammadpour</p> <p>Enhancing Drone Trajectory Tracking in Construction via Proportional-Derivative Control Optimization</p>	<p style="text-align: center;"><b>159</b></p> <p>Tulio Sulbaran, Saeed Rokooei and Mohsen Garshaby</p> <p>Evaluation of Students' Interest, Experience, and Commitment to Participate in Construction Competitions</p>	<p style="text-align: center;"><b>62</b></p> <p>Sherif Attallah and Jennifer Warner</p> <p>Data Centers in Indiana and the Midwest: Assessment of Power and Water Demand in the AI Era</p>				
5:30 pm - 7:30 pm	<b>Lawn Social at The Cliffs (Open Bar - Sunset 7:36pmish)</b>								
7:30 pm Onward	<b>Dinner on your own</b>								

# Friday, April 17, 2026

7:00 am - 4:00 pm								
<i>Sponsor Booths - Conference Center Foyer</i>								
<i>Breakfast and Sigma Lambda Chi Meeting (Tent)</i>								
8:00 am - 9:00 am								
<i>Keynote by Matt Scott, Kiewit &amp; Conference Announcement (Tent)</i>								
9:00 am - 9:15 am								
<i>Networking Break</i>								
<i>Paper Sessions</i>								
	Track 1	Track 2	Track 3	Track 4	Track 5	Committee	Tent	Board
	Pinor Noir	Cabernet	Sauvignon	Beaujolais	Zinfandel	Voyager(Spyglass)		Pacific View
Topic:	Construction Education	Construction Education	Technology	Health, Safety, and Quality Management	Project Management and Controls			
Moderator:	Deniz Besiktepe	Amy Lewis	Kofi Asare	Muhammad Umer	Roy Sturgill			
9:15 am - 9:30 am	152 Kishor Shrestha  Evaluating the Educational Impact of 3D Modeling in Construction Estimating Course: A Case Study of Washington State University	79 Yuan Sun, Parth Bhadaniya and Masoud Gheisari  The Role of Gesture and Facial Expression in Supporting Online Collaborative Learning: A Virtual HVAC Installation Learning Case	151 Pham Anh Thu Nguyen, Frederick B. Chung, Houman Habibkhani and Luke Lee  Evaluating the Impact of Trend-Smoothing on Pavement Condition Classification Models	176 Ayodele Fasoyinu, Anoop Sattineni, Kenneth Sands and Modesta Uzoichukwu  Wearables Sensing Devices for Safety Monitoring in Construction: A Perspective from the Field	23 Ralph Tayeh and Fopefoluwa Bademosi  Digital Transformation of Electrical Commissioning in Power Plants Using VDC Technologies	Faculty Career Development Committee		
	9:30 am - 9:45 am	168 Navid Nickdoost, Jonghoon Kim, Soomin Park and Kwonsik Song  Modeling AI Readiness and Adoption Intentions in Construction Management: A Technology Acceptance Model Approach	34 Nurudeen Lawal and Joseph Burgett  Chatbots as More Knowledgeable Other (MKO) in Construction Education: Evidence from an Asynchronous Course	60 Busra Yucel and Salman Azhar  Bridging the Gap: Barriers to Effective Collaboration Between Technology Startups and Construction Firms	94 Sujan Acharya, Krishna Kisi and Rujan Kayastha  Physiological Strain in Construction Workers: A Systematic Review of Heat-Workload Synergy and the Impact of Personal Protective Equipment		89 Sanjeev Adhikari, Jeffrey Kim, Jaini Hemantkumar Shah and Phuong Nguyen  Evaluating the Role of Digital Tools in Enhancing Infrastructure Project Performance	
9:45 am - 10:00 am	107 Mohamed Abdel Raouf and Tarek Mahfouz  A Survey Assessment of Generative AI Impact on Construction Management Students' Competencies	76 Jared Burgoon, Tulio Sulbaran, Rachel Mosier and Olugbenro Ogunrinde  Sense of Belonging and Construction Industry Experience: A Preliminary Exploration	158 Caochenyu Zhou, Imran Jebarah and Junshan Liu  Deep Learning Driven Framework for Construction Point-Cloud Processing	102 Rujan Kayastha, David Canas Vanegas, Sujan Acharya, Krishna Kisi and Jitendra Tate  Ergonomic and Musculoskeletal Risk Patterns Among Roofers and Non-roofers: Evidence from a Comparative Field Study	145 Tosin Oladele, Modupe Mewomo, Jacob Olumuyiwa Ikotun and Yewande S. Abraham  Assessing the Mediating Factors of Inclusive Leadership-Psychological Safety Relationship for Creative Performance			
10:00 am - 10:15 am	58 Kyle Larson  Challenges and Lessons Learned with Remote Construction Administration in a Developing African (Malawi) Country	76 Jared Burgoon, Tulio Sulbaran, Rachel Mosier and Olugbenro Ogunrinde  Sense of Belonging and Construction Industry Experience: A Preliminary Exploration	25 Lijun Liu, Ngoc Thi Nhu Nguyen and Yilei Huang  Assisting Mechanical Equipment Transportation and Installation with Visual Guidance: A Comparison between Site Plans and Augmented Reality	51 Eric M. Wetzel, Muhammad Umer, Caleb M. Powell and Kenneth S. Sands II  COTVIS: A Novel Core Temperature Visualization Device for Enhanced Peer Awareness	146 Modupe Mewomo, Haruna Domanamwin Abudu, Kofi Owusu Adjei, Francis Kwesi Bondinuba and Sherif Issahaque  Evaluating the Effect of the Supervisor's Role in Project Implementation			
10:15 am - 10:30 am								
<i>Networking Break</i>								
<i>Paper Sessions</i>								
	Track 1	Track 2	Track 3	Track 4	Track 5	Committee	Tent	Board
	Pinor Noir	Cabernet	Sauvignon	Beaujolais	Zinfandel	Voyager(Spyglass)		Pacific View
Topic:	Construction Education	Construction Education	Technology	Health, Safety, and Quality Management	Technology			
Moderator:	Tolulope Sanni	Shadi Alathamneh	Krishna Kisi	Kwonsik Song	Warren Plugge			

10:30 am - 10:45 am	61 Busra Yucel, Alper Turgut, Salman Azhar and Jose Gouveia Henriques Leveraging Digital Games for Construction and Engineering Education: Development of a Beam Design Learning Tool	13 Kenneth Sands, Tom Leathem and Richard Burt Identifying Knowledge and Skills at the "Create" Cognitive Process Dimension for Construction Management	38 Kofi A.B. Asare What Skills Are Construction Industry Employers Looking for in the Age of Artificial Intelligence (AI)?	53 Younghan Jung, Nathaniel Walker, M. Myung Jeong and David Martin Enhancing Home Safety for the Elderly: Key Flooring Factors to Reduce Fall Risks	116 Zahra Khashei, Sandeep Langar and Ibukun Gabriel Awolusi BIM-Driven Safety Management for Enhancing Hazard Prediction: A Systematic Review	Bootcamps Committee		
10:45 am - 11:00 am	64 Shiqi Chen, Jing Wen, Ningshuang Zeng, Javier Irizarry and Qiming Li A VR-Based Training and Assessment Framework for Operational Resilience in Urban Metro Systems	31 Saeed Rokooei, Mohsen Garshasby Moakhar and Tulio Sulbaran Motivational Factors Influencing Construction Students' Engagement in National Competitions	77 Mahzerin Sultana, Aushmeet Singh, Farshad Askari, Gilles Albeaino and Wei Yan VISIT-VIE: Virtual, Intelligent, and Scalable Immersive Site Training through a Virtual Interactive Environment in AEC Education	162 Johnson Adetoto, Seonho Woo, Myoungsoon Jeon, Young-Jun Son and Behzad Esmaeili Physiological Arousal or Social Influence: Which Better Predicts Pre-Evacuation Decision-Making?	123 Nishi Chaudhary and S M Jamil Uddin Large Language Model Integration in Construction Safety: A Literature Review			
11:00 am - 11:15 am	167 Mariam Tomori, Joshua Ofori, Jasmine Cobb, Duen Hong Chau and Omobolanle Ogunseju Analyzing Anxiety Measures in Learning Sensing Technologies within a Mixed Reality Environment	21 Amy Lewis Embedding Industry into Academia: Reflections on a Faculty Residency with "The Company" Southwest	67 Rana Muhammad Irfan Anwar and Eric M. Wetzel Real-Time Hyperspectral Classification of Visually Similar Materials: A Pilot Study	132 Md. Tushar Ali and Mohammad Khalid Prediction of Construction Workers' Thermo-Physiological Responses under Extreme Heat Stress	149 Warren Plugge Evidence-Based Comparison of Technology in Project Delivery			
11:15 am - 11:30 am	35 Jennifer Warrner and Sherif Attallah True Grit: Can Work Ethic, Mettle and Drive be Taught?	42 Adrian Cappella, Shima Clarke, Jason Lucas and Joseph Burgett Digital Solutions for Bridging Language Barriers: Designing and Testing an App for Construction Spanish Safety Communication on Construction Jobsites	140 Sanjeev Adhikari, Adeebuddin Hussaini Mohammed, Sandeep Langar, Tulio Sulbaran and Rachel Mosier Robotics and Sustainable Technologies in Construction: A Unified Perspective	148 Joel Wao, Ehab Shaheen and Richard Wanjema Using Artificial Intelligence (AI) Tools in Construction Safety Course	133 Rizwan Farooqui, Abid Hassan and Muhammad Umer The Human Factor in Construction 4.0: Impact of Digital Transformation on Worker Awareness, Critical Thinking, and Accountability			
11:30 pm - 12:45 pm	Lunch & Networking (Tent)							
12:45 pm - 01:15 pm	Keynote by Brad Denney, Suffolk (Tent)							
1:15 pm - 1:45 pm	Recognition (Outgoing Board Members), & General Business Meeting (Tent)							
1:45 pm - 2:00 pm	Networking Break							
	Paper Sessions							
	Track 1	Track 2	Track 3	Track 4	Track 5	Committee	Tent	Board
	Pinor Noir	Cabernet	Sauvignon	Beaujolais	Zinfandel	Voyager(Spyglass)		Pacific View
Topic:	Construction Education	Mixed	Technology	Contracting, Project Delivery, and Legal Issues	Mixed			
Moderator:	Sushmit Sharma Bhattarai	Modupe Mewomo	James Toyin	Pramen Shrestha	Sandeep Langar			
2:00 pm - 2:15 pm	48 Marina Muller, Clint Martin and Raissa Marchiori The Rex Project an Activity for Teaching the Evolution of Design Representation in Construction Education	115 Ivana Krsteska, Baowen Zhang and Paul Crovella Human-in-the-Loop, Not Hands-Off: Do AI-Assisted TA Comments Improve Construction Writing Quality and Fairness in an Introductory BIM course?	155 Munawar Ahmed and Sagata Bhawani Exploring Strategies, Benefits, and Challenges for Combined Lean-BIM Implementation	120 Jeongyoon Oh, Yejee Paik and Baabak Ashuri Empirical Assessment of the Operational Realities of Best-Value Procurement in Design-Build Projects	27 Mohammad Andalib and Anthony Mills Rethinking the Study of Cost Overruns: A Review and Path Forward	Marketing Committee	Panel Discussion Collaborative Design Build Approach focusing on Cal Poly Student Housing Project  Barbara Jackson, Mike McCormick, and Kevin Palmon	Academy of Fellows (Closed Meeting)

<b>2:15 pm - 2:30 pm</b>	<b>78</b> Lily Brown and Elizabeth Adams  The Construction Superwoman: Navigating Success and Challenges in MEP Field and Project Management Roles	<b>14</b> Amy Lewis and Lori Brown  Designing and Piloting an Internal 'University' for a Data Center GC: A Three Legged Framework for Standardized Training	<b>2</b> Aayush Khadka, Elnaz Safapour, Behzad Rouhanizadeh, Saurab Baral and Surendra Nepal  A Comprehensive Review of Construction 4.0 Benefits	<b>165</b> Hooman Sadeh, Dominick Geloso and Dimitar Todorov  Approaches to Mitigating Cost Escalation and Volatility under the 2025 U.S. Tariffs in the Construction Sector: A Constructivist Grounded Theory Study	<b>30</b> Timothy Becker, Mark Federle, Vasanti Kadu, Giovanni Garcia and Matthew Saegert  A Mixed Methods Study regarding Schedule Compression and Out-of-Sequence Work for Electrical Contractors			
<b>2:30 pm - 2:45 pm</b>	<b>119</b> Karen Schreder and Scott McCutcheon  Building Community: The Effect of Educational Escape Rooms on Construction Management Student Engagement	<b>136</b> Manish Pradhan, Kofi A.B Asare, Somik Ghosh and Ben Bigelow  Automated Request for Proposal (RFP) Review for Bid/No-Bid Decision-Making using Multi-Criteria Decision-Making	<b>4</b> Shadi Alathamneh, Junshan Liu and Muhammad Hannan Chaudhry  Photogrammetry as an Affordable Alternative to Laser Scanning for Small and Mid-Size Construction Firms	<b>111</b> Pramen Shrestha and Sankalp Paliwal  Exploratory Study on Unbalanced Bidding on Highway Projects	<b>1</b> Sanjeev Adhikari and Tran Duong Nguyen  Virtual Design and Construction (VDC) in the Construction Industry: Current Practice and Future Prospects			
<b>2:45 pm - 3:00 pm</b>	<b>42</b> Adrian Cappella, Shima Clarke, Jason Lucas and Joseph Burgett  Digital Solutions for Bridging Language Barriers: Designing and Testing an App for Construction Spanish Safety Communication on Construction Jobsites		<b>153</b> Tolulope Oyeyipo, Mehdi Torbat Esfahani and Ibukun Awolusi  IoT-Driven Digital Twin Framework for Precast Concrete Design and Fabrication	<b>18</b> Pramen Shrestha and Rahul Das  Highway Project Cost and Schedule-Related Performance Comparison Based on Locations	<b>103</b> Amani Qasrawi, Tulio Sulbaran and Sandeep Langar  Evaluation for High School Students' Perceptions of Augmented Reality for STEM Education: A Three-Year Comparison (2023–2025)			
<b>3:00 pm - 4:00 pm</b>	<b>Networking Break</b>							
<b>4:00 pm - 5:00 pm</b>	<b>Travel to Cal Poly Campus for Banquet</b>							
<b>5:00 pm - 6:00 pm</b>	<b>Celebration Banquet</b>							
<b>6:00 pm - 7:00 pm</b>	<b>Program including Keynotes by Irish Horsey, Procure, and Ally Forster, PCL</b>							
<b>7:00 pm - 9:00 pm</b>	<b>Entertainment - Poolside Party Featuring Brass Mash</b>							
<b>9:00 pm - 9:30 pm</b>	<b>Travel back to Cliffs</b>							