

2024 Engineering Project Organization Conference
June 11-14, 2024
Presentation Schedule (DRAFT)

Wednesday 6/12/2024			
8:00 - 8:45 AM		Keynote: Bryan Franz	
8:45 - 10:00 AM	6	Sagata Bhawani, Mallikarjuna Paramesha, & Hemanth Kotti	Exploring Preconstruction Technologies That Enhance Diversity, Equity, and Inclusion in AEC Project Teams
	11	Sreelakshmi S & Ashwin Mahalingam	How are institutional logics guiding BIM adoption pathways?
	13	Daniel Dimitrov & Carrie Dossick	Energy, Information, and the New Work of Building Operations in the Digital Age
	5	Nail Bashan & Qi Wang	Exploration of Bias and Variability between Low-Cost Air Quality Sensors in Urban Environments
	34	Lindsey Walker & Bryan Franz	Effective communication in a hybrid work environment: The perspective of design professionals
Break 10:00 - 10:30 AM			
10:30 - 11:15 AM	1	Yaqoob Raheemy, Fred Sherratt, & Matthew Hallowell	The comfort of control in uncertain safety spaces: But what is a safety control?
	14	Alexander Omoraka, Temitope Egbelakin, & Sittimont Kanjanabootra	Assessing the Multi-hazard Vulnerability of Animal Emergency Safe Places in the Hunter Region, NSW, Australia
	24	Loretta Lipworth, Fred Sherratt, & Andrew Dainty	The Safety Dance: Challenging BIM Conformity
11:15 - 12:00 PM	27	Joseph Toland, Clayton Wukich, Andrew Whelton, & Lauryn Spearing	Community Perceptions and Experiences Related to Household Air, Water, and Soil Testing after the East Palestine Train Derailment
	31	Marcus Nartey, Cristina Poleacovschi, Christina Hill, Scott Feinstein, Weems Carl, Kaoru Ikuma, & Sela Lina	Navigating Water Insecurity: Trust Dynamics and Sustainable Choices in Alaska Native Communities
	44	Nicola Ritsch, Michaela LaPatin, Leif Albertson, Kasey Faust, Daniel Armanios, & Jared Cohon	Incorporating Preferences into Policy: Methods for Integrating Qualitative Data into Multi-Criteria Decision-Analysis Using a Case Study of Water Systems in Alaska

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Thursday 6/13/2024			
8:00 - 8:45 AM		Keynote: Ashwin Mahalingam	
8:45 - 10:00 AM	38	Denise R. Simmons	Fostering Resilience in Project Management: Inclusive Leadership in the Face of Global Uncertainty
	36	Joshua Samuel Mensah-Larkai, Cristina Poleacovschi, Kaoru Ikuma, & Carl F Weems	Conceptualizing and mapping a Water Justice Index in the US
	35	Nathalie Thelemaque & Jessica Kaminsky	Assessment of Current Trends and Gaps in Infrastructure Justice Research
	4	Abigail Murray & Bethany Gordon	Identifying Equity-Related Decisions in Flood Management Infrastructure Design: Insights from Practitioner Interviews
	23	Rachel Pearson & Jessica Kaminsky	Techno-economic analysis of integrating renewable energy and water treatment infrastructure
Break 10:00 - 10:30 AM			
10:30 - 11:15 AM	28	Rotondwa Benevolence Ramafalo, Bankole Awuzie, & Clinton Aigbavboa	Elucidating Potential Contributions of Product-Service Systems towards Improving Built Environment Circularity Performance and Associated Barriers: A Scoping Review
	12	Paula Lopez Alvarez de Neyra, Amelia Celozza, & Amy Javernick-Will	Enablers, opportunities, and challenges of steel reuse in the AEC industry
	10	Sittimont Kanjanabootra, David Sparkes, & Brian Corbitt	Impacts of Mandatory Climate Change Reporting in Construction: A Paradigm Shift for Sustainable Corporate Practices
11:15 - 12:00 PM	21	Shrikarpagam D & Ashwin Mahalingam	Business model changes for sustainable construction: A system dynamics perspective
	18	Diego Peñaranda & Jose Guevara	Financial hedging trends in megaprojects: A Topical Network Analysis of the infrastructure literature
	20	Yunping Liang	Funding Transportation Projects via the Investing in Canada Plan – An Empirical Analysis on the Implementation through a Balanced Regional Development Perspective

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Friday 6/14/2024			
8:00 - 8:45 AM		Keynote: Steve Rowlinson	
8:45 - 10:00 AM	3	Ysabel Yu & Bethany Gordon	Exploring cultural capital, power, and legitimacy for frontline designers
	37	Denise R. Simmons	Operationalizing Inclusion in Project Management: A Workforce-Centric Approach
	29	Lorine Ouma & Rob Leicht	Value analysis of early trade partners involvement in the design of construction projects
	41	Marina Bos-de Vos & Tobias Hebbink	Anticipating joint value creation in a local energy transformation project: the inclusivity, flexibility, and creativity paradox
	22	Stephanie Bunt & Carrie Sturts Dossick	Observed Social Life of Physical Artifacts: An Ethnographic Approach to Studying Team Shared Ownership in an Interdisciplinary Design Studio
Break 10:00 - 10:30 AM			
10:30 - 11:45 AM	16	Srijesh Pradhan, Erin Arneson, & Hussam Mahmoud	Modeling Spatial Probability Of Wildfire Occurrence In California Using Artificial Neural Network
	8	Noah Gershon, Amy Javernick-Will, & Abbie Liel	Homeowner Decisions for Fire Resilience and Sustainability in Post-Wildfire Rebuilt Housing
	2	Farah Mneimneh & Cristina Poleacovschi	Users' perspectives as a guide in the design of a new portable water purification system in Puerto Rico
	25	Amanda Quarshie, Cristina Poleacovschi, & Farah Mneimneh	Relative Energy Burden: A Nuanced Approach to Measuring Energy Burden among Homeowners in the United States
	15	Toby N. T. Nelson, Cristina Poleacovschi, Carl F. Weems, Kaoru Ikuma, & David Switzer	Drinking Water Vulnerability: Development and Validation of a Multidimensional Measure.