

DAY	TIME	VIRTUAL ROOM 1			VIRTUAL ROOM 2			VIRTUAL ROOM 3			VIRTUAL ROOM 4			VIRTUAL ROOM 5					
		SESSION #	SESSION THEME	# of Papers	SESSION #	SESSION THEME	# of Papers	SESSION #	SESSION THEME	# of Papers	SESSION #	SESSION THEME	# of Papers	SESSION #	SESSION THEME	# of Papers			
DAY 1: MONDAY	7:00-8:00																		
MAY 19	19:00-20:00	ON-1	SDG 11	4	ON-2	SDG 3	4	ON-3	W102	4	ON-4	W113	3	ON-5	MISC	4			
DAY 2: TUESDAY	7:00-8:00	ON-6	W070	4	ON-7	W099	4	ON-8	W107	4	ON-9	TG96	4	ON-10	W096	4			
MAY 20	19:00-20:00	ON-11	W116	4	ON-12	W120	4	ON-13	SDG 9	4	ON-14	MISC	4	ON-15	W069 + W104	4			
DAY 3: WEDNESDAY	7:00-8:00	ON-16	W116	4	ON-17	W078	4	ON-18	W123	4	ON-19	W065	4	ON-20	TG124	4			
MAY 21	17:45-18:45	ON-21	W116	4	ON-22	W078	4	ON-23	W123	4	ON-24	W065	4	ON-25	TG124	4			
DAY 4: THURSDAY	7:00-8:00	ON-26	W116	4	ON-27	W055	4	ON-28	W070	4	ON-29	MISC	4	ON-30	W115 + W096	4			
MAY 22																			
		119			24			24			24			23			24		

Theme is Working Commission/ TG
 Theme is SDG
 Misselenious papers - no unified theme (various WC/TGs)

Room #	Session #	Category	MS #	WG/TG	SDG	Title	Author 1	Author 2	Author 3	Author 4	Author 5	Author 6						
VIRTUAL ROOM 1	ON-1	SDG 11	1774	W040	SDG11	Interpretable modelling of greenhouse environment through SINDY approach	Hanyu	Zhou	Yifan	Ding	Chang'an	Liu	Hongyi	Wang				
			1446	W101	SDG11	Evaluation of Solar Adaptability in Transit Station Areas: A Comparative Case Study of Tokyo and Hong Kong	Yufei	Liu	zhu	yuan								
			2006	TG88	SDG11	Building Sustainable Cities and Communities: Contribution of Digital Twins to a Sustainable Built Environment	Ahmad	AL Ayoubi	Ashkarout	Ammar	Hisham	Abou Ibrahim						
			1414	TG88	SDG 11	Impact of Climate Change on Cities: Analyzing Building Energy Use in Future Climate Scenarios Through a Hybrid Computational Approach	Heng	Quan	Semha	Ergan								
VIRTUAL ROOM 2	ON-2	SDG 3	1890	W098	SDG3	A Transformer-based Semi-Supervised Learning for Occupant Feedback Evaluation	Min Jae	Lee	Ruichuan	Zhang								
			1724	W089	SDG3	The Exploring of the Importance of Indoor Environmental Factors in University Educational Spaces Based on Participants' Psychology	Hanyu	Zhou	Zhaozhe	Yang	Wenchang	Wang	Chang'an	Liu	Yifan	Ding		
			1928	W121	SDG3	Evaluating Workers' Well-being in Off-site Construction Facilities	Sena	Assaf	Mohamed	Assaf	Ahmed	Bouferguene	Mohamed	Al-Husein				
			1815	W099	SDG 3	From Energy to Health: Role of the Ventilation Systems in Energy-Retrofitted Buildings	Elham	Maghsoudi Nia	Atze	Iboerstra								
VIRTUAL ROOM 3	ON-3	W102	2046	W102	SDG17	Preliminary Proposal for a Knowledge Management System in a Brazilian Construction Company, Based on ISO 30401 Requirements	Juan	Otoya	SILVIO	MELHADO								
			1095	W102	SDG11	Socio-Sustainable Architectural Design Through Ethical Implementation of Generative Design and Artificial Intelligence	Yael	Netser	Erica	Cochran Hameen	Pingbo	Tang						
			1705	W102	SDG 9	Development of the change readiness diagnostic tool through industry 4.0 transformation; UK infrastructure sector case study	Haddy	Jallow	Suresh	Renukappa	Subashini	Suresh	Lingaraja	Gandhi	Jayakara	Shetty	Chandrashekar	Gangegowda
			1955	W102	SDG 9	Exploring the Effect of Communication on Sustainable Knowledge Management	Musa	Orundi	Mani	Poshdar	Funmilayo	Rotimi						
VIRTUAL ROOM 4	ON-4	W113	1733	W113	SDG16	Four Futures One Solution for a Sustainable Reduction in Construction Delay and Disruption Disputes by 2030	Vasil	Atanasov										
			1734	W113	SDG16	Construction Delay Disputes: a Model for a Reduction in the Escalation of Technical and Factual Disagreements	Vasil	Atanasov	Harry	Hussey								
			1871	W113	SDG16	Investigating the Causes of Escalation of Disagreements over Delay Assessments	Vasil	Atanasov										
VIRTUAL ROOM 5	ON-5	MISC	1111	TG91	SDG 7	Renewable Energy Projects for UN SDGs: A Literature Review	Karmila	Seran	James	Rotimi	An Le	Thi Hoai						
			1797	TG91	SDG13	Barriers to financing climate change actions in infrastructure projects in Ghana	Isaac	Akomea-Frimpong	Amma	Agyekum	Taden	John	Alexander	Amoakwa	Comfort	Kedjah		
			1787	W123	SDG 9	Human-Centered Construction Organizations: Analyzing the Integration of Lean Construction Principles with Human-Centric Approaches	Ali	Bidhendi	Mani	Poshdar	Mostafa	Jelodar						
			2023	W065	SDG 9	Factors affecting the capacity and capability of the commercial building sector in New Zealand	Chinthaka	Atapattu	Niluka	Domingo								

Room #	Session #	Category	MS #	WG/FG	SDG	Title	Author 1	Author 2	Author 3	Author 4	Author 5	Author 6	Author 7	Author 8								
VIRTUAL ROOM 1	ON-6	W070	1776	W070	SDG12	Energy Consumption Intensity Indicators and Sustainability Benchmarking in the Hotel Industry: Perceptions of Stakeholders in the GCC Region	Alexander	Schick	Alexander	Radlein												
			1846	W070	SD09	Transition from a linear information model to a circular information model - A deep dive into the "state of the art" for circular data models in public parts of the construction industry in Norway	Holten	Gissinger	Nora Johanne	Klungseth												
			2062	W070	SDG13	Sustainability in Construction Projects During Budgetary Restrictions: A Case from Norwegian Higher Education	Truls-Petter	Tofting	Nora Johanne	Klungseth	Renate	Hoffmann										
			2102	W070	SD09	Computer Vision-based VLDI11 for automated damage assessment of public building roofs supporting maintenance management	Allison	Silva	Wilson	Oliveira	Pedro	Braga	Luara	Fernandes	Dayana	Costa						
			1113	W116	SDG3	Developing Annexes to Create More Sustainable and Inclusive Human Settlements	Jeremy	Gibberd														
	ON-11	W116	1881	W116	SD09	A Systematic Review on Sustainable 3D Concrete Printing: Opportunities and Challenges	Anjali	Wijetunge	Don	Samarasinghe	An	Le	Akvan	Gajinayake	Chinthaka	Atsattu						
			1080	W116	SD09	Benchmarking International Best Practices for Circular Skills Training: Lessons for Australia	Chabode	Ogunmakinde	Ahkan	Mamari	Masoud	Aghajani										
			1765	W116	SDG12	Integrating Sufficiency in Sustainable and Green Building Rating Tools - The Sufficiency Investigation, Gain and Notification (SIGN) Framework	Jeremy	Gibberd														
			1960	W099	SDG3	Mental Health in Construction 4.0: Enhancing Workplace Social Support Through Prefabrication	Huiy Wen	Lim	Xiao	Ma												
			1660	W099	SDG3	Sustainable Workforce Health: Exoskeleton Effects on Posture and Performance in Repetitive Lifting for Labor-Intensive Industries and Construction	Mohamad Iyad	Alkhami	Saren	Lindhard	Saren	Wandahl										
VIRTUAL ROOM 2	ON-7	W099	1976	W099	SDG3	Analysis of Three Decades of Research in Road and Highway Work Zones Using Bibliometric Methods	Patrick	ZDU	Winkul	Guo												
			1865	W099	SDG3	AI-based Safety Training Systems for Hispanic Workers in Construction	Gulshanat	Ahkanova	Chien Ho	Ko												
			1061	W120	SDG11	Enhancing Disaster Resilience: A Review of Public-Private Partnership Models for Secondary Hazard Risk Transfer	Chabode	Ogunmakinde	Tambopo	Egbelein												
			1384	W120	SDG11	Integrating Flood-Resistant Design and Construction Strategies in Sustainable Homes in the Central Valley: Effective Approaches for New and Existing Structures	Murtezu	Gomes	Vivian	Luo	Manidep	Tummagapudi										
			1518	W120	SDG11	Strategies for Mitigating the Challenges of Post-Disaster Reconstruction Projects: A Systematic Literature Review	Alexander	Omoraka	Tambopo	Egbelein	Sittimont	Kanjanabodra										
	ON-12	W120	2042	W120	SD09	Impacts of Natural Disasters on the Construction Industry: Contractors' Perspectives	Ehrshaid	Elkhdir	Suzanne	Wilkinson	Regan											
			1057	W107	SD09	Experimental Study of Adhesive and Metal-Free Laminated Timber Products Made of Uruguayan Pine	Gustón	Bruzzone	Daniel	Gosdy	Stephany	Anejuria	Sebastian	Quaglietti	Shiva	BÖhg	Laura	Moya				
			1703	W107	SDG12	The Adoption of the Circular Economy by Small and Medium Sized Enterprises in the Pakistan Construction Sector	Khuram Iqbal Ahmad	Rhan	Rager	Flanagan												
			1749	W107	SDG11	Conversion of Existing Buildings to Green in Developing Economic: A Preliminary Study for Sri Lanka Focusing on Challenges and Policies	U. G. D.	Madoshika	Weisheng	Lu												
			2067	W107	SDG11	Implementing green construction to increase competitiveness: a case of the Indonesian local construction industry	Debby	Wilar	Bambang	Trigunaryah	Steve	Sugit	Novatus	Senduk								
VIRTUAL ROOM 3	ON-13	SDG 9	2142	W117	SD09	The Best Value Approach 4.0 - Advanced Air Mobility Case Study	Isacrb	Kashwagi	Joseph	Kashwagi	Abrado	Rivera										
			2022	TC96	SD09	Indigenous Engagement Role in Sustainable Pipeline Construction: Canadian Insights	Haroun	Elyasir	Iyad	Al Hasan	Ahmed	Hamad										
			2139	W116	SDG 9	Integrating Circular Economy Principles in Construction: Comparing Product Data Templates, Material Passports, and Other Digital Tools	Eham	Bayasid	Motafa	alholar	Wajha	Shaheed	Vishal	Kumar	Salman	Shoohtarian						
			2031	W092	SDG 9	The evolving landscape of procurement methods in the construction industry: A literature review	Iritha	Jayasinghe	Niluka	Domingo	An	Le										
			1927	TC96	SDG 9	A systematic literature review on the thermal behaviour of building elements constructed through 3D concrete printing (3DCP)	Asad Ur Rehman	Bajwa	Don	Samarasinghe	Clare	Flammer	Ding Wen	Bao								
	ON-9	TC96	2135	TC96	SDG 9	Measuring Innovation in New Zealand Construction Organisations: Developing a Measurement Tool for New Zealand's Medium and Large Companies	Hossein	Sadeghradeh Fasaghand	Suzanne	Wilkinson	Motafa	alholar										
			2132	TC96	SDG 7	A comprehensive approach to strategic Research & Innovation development: The case of the European Construction and Built Environment sector	Sylvain	Kubicki	Abin	Zarif	Oksentine	Coujard										
			1567	TC96	SDG 9	Life Cycle Assessment and Cost Evaluation of Sustainable Production Technologies: A Parametric Approach for Complex Geometries in Architectural Design	Ignacia	Casarin	Simona	Bow	Alberto	Speroni	Andrea Giovanni	Manini	Francesco	Pitrua	Matteo	Caviglia	Juan	Bianco Cadena	Toiana	Poll
			1694	TC96	SDG 9	Exploring Policy Influences on the Adoption of 3D Concrete Printing Technology: A Hypothetical Model	Jimmy	Zhou	Don	Samarasinghe	Jamir	Rotini	Zheran	Feng								
			1503	TC124	SDG 11	Integrating Future Energy Scenarios in Building Life Cycle Assessments: Applying Dynamic LCA to Two University Buildings	Sojati Sanjaya	Shanbhag	Manish Kumar	Davit												
VIRTUAL ROOM 4	ON-14	MISC	2075	W102	SDG 9	Theoretical Framework for Risk Identification and Assessment in Infrastructure Projects Through AI Knowledge Retrieval	FREDERICK AHENDORA	BDAMAH	Kaohua	Jin	Sepani	Senarathne	Srinath	Perera								
			1978	TC124	SDG 7	Utilizing Natural Illuminance through Indoor Daylighting Systems for Green Buildings	Kiranjot	Kaur	Priyadarini	Rajasekaran	Jin	Woo	Harry	Gang								
			1876	W096	SD09	Efficient Accessibility Analysis in Floor Plans Using Semantic Segmentation	Heidan	Zhang	Ruichuan	Zhang												
			1997	W096	SDG11	Integrating circularity in the design of future-proof retail spaces	Juan Pablo	Garrido	Claudio	Martani	Nazly	Atta	Ciroia	Talano	Giancarlo	Paganin						
			1906	W096	SDG11	Research on renewal strategy of residential buildings with light environment optimization under the guidance of rural traditional construction techniques - A case study of Malou Village of China	Jhu	Yuan	Jhenyl	wang												
	ON-10	W096 + W099	2066	W099	SDG11	Sustainable healthy communities: the contextual role of 'neighbor' in the housing development sector	Gramma	Larian	Ange	Lee	Meji	Zata										
			1762	W104	SDG12	Global Stakeholder Perceptions of Circular Building Adaptability: Open Building Methodology and Mass Timber Construction - A Qualitative Study	Paul	Kremer	Ron	Wakefield	Altezza	Ahankood	Behzad	Abbasnejad								
			1971	W104	SD09	Further discussion on the Open Building of Beijing No. 1 Thermal Power Plant at the Environmental, Social, and Governance Levels	Yitong	Wen	Ouyang	Ouyang	Zrui	Wang										
			1967	W104	SDG 11	Research on the Protection of the Castle-type Villages of Ming Dynasty Great Wall in Yanqing District of Beijing	Wen	Ouyang	Wanning	Chen	Zuosheng	Shi										
			1966	W104	SDG 11	Research on the adaptive design of commercial farmhouses from the perspective of rural revitalization: A case study of Fangshajie District, Beijing	Wen	Ouyang	Hanishi	Dou	Zuosheng	Shi										

Room #	Session #	Category	MS #	WG/FG	SDG	Title	Author 1	Author 2	Author 3	Author 4	Author 5	Author 6							
VIRTUAL ROOM 1	ON-16	W116	1173	W116	SDG11	Designing and Prototyping a Smart Upper-Limb Exoskeleton for Enhancing Wellbeing and Productivity in Construction	Alireza	Moghayedi	Carlos	Cfuentes	Marcela	Munera	Mohammadhadi	Sarajchi					
			1825	W116	SDG4	Exploring the Performance Trends in LEED-Certified Schools in Massachusetts: Analyzing Scorecards for Sustainability Insights	Jung Hyun	Lee	Bilge	Celik	Shaghayegh	Kurzinski	Amine	Ghanem					
			1818	W116	SDG11	Sustainability in Valuation: Emerging AI-Driven Real Estate Approaches	Mihaela	Meslec	Isabelle	Wrase	Matthias	Haase							
			2049	W116	SDG11	A Review of Passive Building Research: Energy Performance Influencing Factors, Research Trends and Future Directions	Patrick	Zou	Hui	Tian	Ji	Bian	Xiaoxiao	Xu	Linna	Geng			
	ON-21	W116	1659	W116	SDG11	Machine learning for the prediction of rework in green buildings	Abdulleatef	Olanrewaju											
			1790	W116	SDG11	Assessing AI Techniques for Precision in Property Valuation: A Systematic Review of the Four Valuation Methods	Wajhat	Ali	Don	Samarasinghe	Zhenan	Feng	James	Rotimi					
			2000	W116	SDG11	Integration Gaps and Dilemmas in Mobility Platforms: An Empirical Study in Norway	Aashish	Adhikari	Alerka	Temeljotov-salaj	Mahgol	Alshari	Agnar	Johansen					
			1939	W116	SDG 7	What makes New Zealand houses expensive: A detailed construction cost analysis of an energy-efficient house.	Kajavathani	Panchalingam	Ezaku	Rasheed	James	Rotimi							
	VIRTUAL ROOM 2	ON-17	W078	1654	W078	SDG9	The Use of AI by Architects in Prevention of Pre-Construction project delays in South Africa	Linda	Akoth	Saidi	Finzi	Rebecca	Alowo	Musonda	Innocent				
				1697	W078	-	Lean Digital Management for Production Control	Kevin	McHugh										
1726				W078	SDG11	Identifying Uncertainty in Interpreting Building Regulations through Conservative, Pragmatic, and Romantic Perspectives	Peter	Narkjer Gade	Judith	Fauth	Ellif	Hjelseth	Mouloud	Messaoudi	Jonas	Pederzen	Nawari	Nawari	
1788				W078	SDG 4	AI in Construction Project Management education: Insights from the 'AI for Construction Project Management' Summer School	Ania	Khodabakhshian	Fulvio	Re Ceconi									
ON-22		W078	2099	W078	SDG9	A Conceptual Framework for Intelligent Scaffolding Monitoring System	Xiaowei	Wang	Chien-Ho	Ko	John A	Haug							
			2096	W078	SDG11	A user-centric approach in BIM environments for energy efficiency, indoor comfort assessment and renovation planning	Andrea Giovanni	Mainini	Martina	Signorini	Sonia	Lupica Spagnolo	Markku	Kiviniemi	Kostas	Tsatsakis	Bruno	Daniotti	
ON-18		W123	1125	W123	SDG3	Health and Safety Perceptions of Construction Workers in Denmark	Cristina	Toca Pérez	Malik	Namange	Lorenzo	Loyola	Melisa	Ergul	Stephanie	Salling			
			1613	W123	SDG8	The Role of Personality Assessments (PAs) in the Architecture, Engineering, and Construction Industry	Joshua	Wilkinson	Yupeng	Luo	Wei	Wu	Brad	Hyatt					
			1782	W123	SDG5	Strategies that Enhance the Retention of Women in the Architecture, Engineering and Construction (AEC) workforce: An Integrative Review	Thandeka	Makhathini	Clinton	Aigbavboa									
			1767	W123	SDG 3	Effects of Dormitory Design Factors on Migrant Workers' Mental Health in Singapore	Tianxiang	Lan	Yang Miang	Goh	Hanxiao	Wang	Xiping	Hu					
ON-23	W123	2125	W123	SDG5	Driving Gender Diversity in Construction: Mapping Existing Policies Through the Behavioral Change Wheel Framework	Ruwini	Edirisinghe	Bimali	Rathnayake										
		1575	W123	SDG9	Analyzing Employment Disparities in Construction Science & Management (CSM) Graduates for Specialty Trade Contractors (STC)	Vivek	Sharma	Dhalval	Gajjar	Stuti	Garg	Adam	Hoots	Gopika	Viswanathan				
		1655	W123	SDG8	The Influence of AI on Human Factors in Construction Health and Safety in South Africa	Isabella	Chandi	Musonda	Innocent	Rebecca	Alowo								
		1953	W123	SDG 3	Comparing Stressors and Stress among Diverse Foreign Ethnic Minority Workers Groups in the Construction Industry	Khurshheed	Ahmed	MEI-YUNG	LEUNG	Wenqian	Yang								
VIRTUAL ROOM 4	ON-19	W065	1665	W065	SDG12	Corporate Social Responsibility assumed by Chinese International Construction Companies: Heterogeneities, Causes, and Evaluation	Hui	Guo	Weisheng	Lu									
			1707	W065	SDG17	Integrated Project Delivery and Its Use in Construction	Steven	Iwankovitch	Raed	Jarrah									
			1982	W065	SDG9	Comparing BIM Implementation Strategies: Outsourcing Consultants vs. In-House Team Formation	Luigui	Morales	MARTIN	RAMOS	Danny	Murgula	Andrea	Braul					
			1799	W065	SDG9	Unveiling the Untapped: Extracting Tacit Knowledge from Experienced Construction Workers through Visual Attention Interfaces	Patrick S.W.	Fong											
	ON-24	W065	1700	W065	SDG3	Ethical Risks of Human-Robot Interaction in the Construction Industry: A Systematic Review	Liyang	Wang	Wengi	Li	Botao	Gu	Nan	Li	Dongging	FANG			
			2082	W065	SDG3	Optimizing Responsive Hospital Operations: A New Process for Simulating Uncertain Treatment Demand	Jiaqi	Suo	Claudio	Martani	Hazar	Dib							
VIRTUAL ROOM 5	ON-20	TG124	1292	W065	SDG9	Location-Based Work Sampling: Application and Evaluation for Workflow Issue Identification	Tobias	Fiirgaard	Malik	Namange	Cristina	Toca Pérez							
			1743	W065	SDG 9	Unified Risk Approach for Construction Contracts: A Comparative Analysis of NEC, JCT, and FIDIC from a Contractor's Perspective.	Saad	Rasool	Yuting	Chen	Chika	Udeaja	Daniel	Fong					
			1926	TG124	SDG13	Impact of Modeling Simplification on Energy Simulation Speed and Accuracy Considering Climate Change: A Case Study of a Dormitory Building.	Yasaman	Debras	Farzad	Mostafazadeh	Miroslava	Kavcic							
			1614	TG124	SDG9	Residential Heating System Upgrade Towards a Net-Zero Energy Building: A Case Study in California	Koray	Kaya	Bitu	Astaneh Asl	Farnaz	Ganjezadeh							
	ON-25	TG124	1769	TG124	SDG11	Landfill Waste Diversion in Residential Projects in New Zealand	Nguyet	Tong	Niluka	Domingo	An	Le							
			1443	TG124	SDG 11	Systematic Assessment and Dynamic Optimization of End-of-Life Carbon in Modular Integrated Construction	Xiping	Wen	Yue	Teng	Geoffrey	Shen							
			1562	TG124	SDG11	Integrating User Adaptation and Retrofit Strategies for Overheating Mitigation in Energy-Poor Buildings under Climate Change Scenarios	Greta	Grandi	Andrea Giovanni	Mainini									
			2133	TG124	SDG9	Site Selection of Low Carbon Data Center	Yu-Hsing	Lu	Luh-Maan	Chang									
			2105	TG124	SDG12	Energy: From Efficiency to Sufficiency	Laura	Almeida											
			2124	TG124	SDG 15	A Life Cycle Approach to Circular Economy in Construction: Strategies for Sustainable Transformation	Bimali	Rathnayake	Ruwini	Edirisinghe	Tayyab	Maqsood	Miyuri	Wijayasundara					

