

Thursday, March 26			
08:30	Registration & Assistance - IA lobby		
09:30	Opening Ceremony - IAG		
10:00	Keynote 1 - IAG ALDO SOLLAZZO 10:00-11:00		
11:00	Coffee break - IA lobby		
	Session 1 - Construction and Ethics		Session 2 - Case Studies
11:20	32	Alireza Gogani, Reinhard König and Jan Willmann	A Time-Efficient Data-Driven Surrogate Method for Structural Performance Prediction using Artificial Neural Networks
11:40	57	Giancarlo Di Marco	Standardising Adaptive 3D Concrete Printing via a Formal Grammar for mLLM-to-G-Code Translation
12:00	60	Deyan Qian, Mingyu Yang and Davide Lombardi	Finite-Element Analysis for Freeform Architectural Structures: A Review of Geometric Modelling, Meshing, and AI-Assisted Workflows
12:20	66	Ahmad Mansuri, Asterios Agkathidis, Davide Lombardi and Hanmei Chen	Robotic Toolpath Generation with Dual-Robot Coordination for Bamboo Active Bending in Human-Robot Collaboration Assembly
12:40	81	Mengdi Mao, Marjan Colletti and Guan Lee	Learning from Irregularity: AI-Assisted Evaluation and Aggregation of Natural Stone Assemblies
13:00	31	Siti Balkish Roslan, Hidayati Ramli and Fong Yi Khoo	Epistemic Disobedience by Design: Leveraging GPT to Pluralize Architectural Knowledge Systems
	16	Jiangyang Zhao, Jingyang Liu and Davide Lombardi	Automated Recognition of Traditional Tall-Window Lattice Patterns in Suzhou Gardens: A Comparative Study of YOLO Models and H-Scan Tool Implementation
	17	Vita Kolesnikova and Marc Aurel Schnabel	Governance and Coordination of AI in Urban Development Projects: Evidence from China and Kazakhstan
	18	Zhelun Zhu and Jingxian Zhi	Digital and Automatic Framework for the Application of the Barrier-Free Regulations Via BIM Methodology
	29	Owen Zhiyuan Lu, Yutian Yi and M. Hank Haeusler	An MCDM Workflow for AEC Stakeholders' Collaboration at Early Stage: developing a computational tool for MMC projects
	30	Funda Tan Bayram, Esra Arslantürk and Damla Inci	VR-Supported Participation for Sustainability-Oriented Urban Planning
	53	Xiangdong Chen, Yang Song, Alan Miller and Sarah Kennedy	Mobile Virtual Time Travel to Medieval Perth: From Virtual Reconstruction to Immersive Public Experience
13:20	Lunch - 13:20-14:30		
14:30	Keynote 2 - IAG PENG TANG 14:30-15:30		
	Session 3 - AI in Higher Education		Session 4 - Case Studies
15:40	25	Yiming Yao and Jiawen Han	Human Tutors as Affective and Social Mediators: An AI-Tutoring Partnership from Student Lens
16:00	41	Michail Georgiou and Alessandra Swiny	From Briefs to Outcomes: Exploring AI-Assisted Workflows in Architectural Design Education
16:20	45	Jiashi Yu	AI-Driven Pedagogy for Speculative Architectural Teaching: A Case Study of "The Drowned World" Project
16:40	46	Jingyang Liu, Jiawen Han and Yue Zhu	AI-Assisted Design Research Pedagogy: Structuring Sentiment Analysis as a Methodological Introduction
17:00	62	Paola Scala, Bruna Di Palma and Juan Carlos Dall'Asta	Disciplinary Tradition and AI: New Perspectives for Architectural Education
17:20	68	Jing Chang, Yilun Jiang and Kristof Crolla	Mapping Digital Design Discourse and Curriculum amid the AI Surge: An Exploratory Data-Informed Study
	67	Yilun Jiang, Daniel Chad McKee and Kaicong Wu	Klotski-Solver for Compact Homes: User-Preference-Weighted Home Layout Synthesis with Soft Actor-Critic
	7	Huang Yanfeng, Wang Xinru and Sun Chengyu	An Intelligent Approach to Commuting Optimization on the Surrounding Roadways of Legacy Residential Areas: The Case of the Tidal Lane on Yingao West Road, Shanghai
	72	Teo Hidalgo Nacher and Juan Carlos Dall'Asta	Beneath the Cloud: Architecture as Environmental Intelligence in China's Underwater Data Centers
	73	Carlos Rivera, Provides Ng and Yaoyao Meng	Computational BioPhilia: Synthesizing Culture and Nature through AI-Driven Bio-Mimicry
	75	Provides Ng, Baha Odaibat and Bumsuk Ko	Urban Mining 2.0: Decentralising Design Authority Through Hyperlocal AI and Participatory Material Praxis
	79	Marlon J. Brownsword and Christiane M. Herr	Automated Floor Plan Generation: Spatial Abstractions from Analog Models to Machine Learning
18:00	Networking Dinner		

Friday, March 27			
08:30	Registration & Assistance - IA lobby		
	Session 5 - Sustainability and Generative Design		Session 6 - Case Studies and Human-AI Collaboration
09:00	28	Jingyu Zhang and Christiane M. Herr	Symbiotic Systems: An AI-Augmented Workflow for the Design of Ecologically Adapted Living Urban Furniture
09:20	34	Rafael Luna Zelaya	Wild Futures: AI-Enabled Pollinator Nodes for Sustainable and Multi-Species Design
09:40	61	Yixuan Wang, Marc Aurel Schnabel and Cheng Zhang	From BIM to Intelligent Buildings: An AI-Enabled Digital Twin for Real-Time Environmental Monitoring and Control
10:00	76	Provides Ng and Darius Ou	Phygital Transcoding: An AI-Mediated 2D-3D Workflow Synthesising Lacquer Craft and Tomography for Sustainable Co-Creation
10:20	37	Ka-Chun Chan	From Prototype to Image to 3D: A Physical-First Multi-Model AI Workflow for Inflatable Formwork
10:40	64	Lei Guo	A Collaborative Workflow for Controlling Randomness in Generative AI for Design
	82	Ivan Parati, Emanuela Corti and Zhe Zhang	Weaving Intimacy: Textile-Based Soft Robotics for Responsive and Caring Environments
	84	Daniela Pico	Operationalizing Indetermination: AI as a Testing Ground for Landscape-Derived Principles in Architectural Design
	86	Akari Shiono and Yasushi Ikeda	Design and Implementation of Interactive Ceiling Mobile for Establishing Self-organizing phygital Design Methodology
	38	Chor-Kheng Lim	Vibe Coding with GPT: A Human-AI Collaborative Framework for Creativity and Learning in Design Education
	40	Jungwon Yoon and Gyeong-Ik Jo	Bridging Imagination and Tectonics: An AI-Powered Workflow for Designing a Timber Library Through Children's Participatory Design
	55	Silvia Albano, Yuchao Liu, Tong Wan and Na Li	From Tools to Partners: Validating Human-AI Collaborative Workflows in Architectural Design
11:00	Coffee break - IA lobby		
11:30	Keynote 3 - IAG GENNARO SENATORE 11:30-12:30		
12:30	Closing Ceremony / Awards - IAG		