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Agenda - Day 1

Session	Start	Finish	Length	Session	Topic	Speakers	Company
	8:30 AM	9:00 AM	0:30	Networking / coffee			
1	9:00 AM	9:15 AM	0:15	Welcome to UTS and Housekeeping		Julie Jupp	UTS
2	9:15 AM	9:30 AM	0:15	Welcome to Inaugural openBIM with IFC Short Course		Eric Bugeja & Ian Howell	buildingSMART Australasia
3	9:30 AM	9:35 AM	0:05	Getting Started with openBIM	What is openBIM and Why openBIM? Benefits of openBIM	Holger de Groot	Modmation
4	9:35 AM	9:45 AM	0:10		Information Requirements - buildingSMART Data Dictionary (bSDD) and Information Delivery Specification (IDS)		
5	9:45 AM	9:55 AM	0:10		Create and Validate Information - Industry Foundation Class (IFC) and BIM Collaboration Format (BCF)		
6	9:55 AM	10:05 AM	0:10		Exchange Information - Information Delivery Manual (IDM) and Model View Definition (MVD)		
7	10:05 AM	10:20 AM	0:15	Moving ahead with IFC 4.3 - Building & Civil Infrastructure	IFC 4.3 New Classes, Attributes, Relationships and Class Hierarchy	Scott Beazley & Jon Mirtschin	Geometry Gym
8	10:20 AM	10:35 AM	0:15		IFC 4.3 software tools	Jon Mirtschin	Geometry Gym
	10:35 AM	10:50 AM	0:15	Morning Tea			
9	10:50 AM	11:20 AM	0:30	Producing Better IFC	IFC Model Setup and Information Delivery Manual and Information Delivery Specification	Dion Moults	Lendlease
10	11:20 AM	11:50 AM	0:30		Exporting and Importing IFC Files - Verification of Requirements		
11	11:50 AM	12:20 PM	0:30		Intro. to Programming for IFC, Toolkits, Geometry Engines & BlenderBIM		
	12:20 PM	1:05 PM	0:45	Lunch			
12	1:05 PM	1:35 PM	0:30	openBIM Project Solutions	Addressing technical barriers to successful use of openBIM	Jon Mirtschin	Geometry Gym
13	1:35 PM	2:05 PM	0:30	Improving openBIM Implementation	Improving openBIM Implementation through bSA Educational Resources (What should bSA address more)	Chair: Julie Jupp	UTS
	2:05 PM	2:20 PM	0:15	Afternoon Tea			
14	2:20 PM	2:40 PM	0:20	Transport for New South Wales	Adding Value to Transport for NSW with IFC	Greg Paul	TfNSW
15	2:40 PM	3:00 PM	0:20	12d	Digital Twin: TfNSW DE Framework using 12d Model	Tony Ingold	12d
16	3:00 PM	3:20 PM	0:20	Aurecon	Infrastructure Digital Twins enabled by openBIM with IFC	Aaron Traylen	Aurecon
17	3:20 PM	3:40 PM	0:20	Vectorworks	Vectorworks Kung Fu: Transform Your Site and Urban Design Workflows	Troy Diamond	Vectorworks
18	3:40 PM	4:00 PM	0:20	Graphisoft - ArchiCAD & Solibri	Information Delivery Specifications (IDS) implementation using Archicad and Solibri	Vimal Kumar	Graphisoft
19	4:00 PM	4:30 PM	0:30	IFC Project Showcase	buildingSMART International 2022/23 Award Winners and Best Practices	John Mitchell	CQR
20	4:30 PM	4:50 PM	0:20	Closing session with Eric B and Ian Howell	Thank you and presentations	Eric Bugeja & Ian Howell	buildingSMART
	5:00 PM	6:15 PM	1:15	Networking Drinks			



Category	Session	Start	Finish	Length	Topic	Speakers	Company
Networking	0	8:30 AM	9:00 AM	0:30	Registration		
Introduction	1	9:00 AM	9:15 AM	0:15	Opening and Introduction	Eric Bugeja	buildingSMART Australasia
Keynote	2	9:15 AM	9:45 AM	0:30	The future of buildingSMART	Ian Howell	buildingSMART International
	3	9:45 AM	10:00 AM	0:15	Open BIM Standards for Infrastructure	Jim Plume	buildingSMART Australasia
		10:00 AM	10:25 AM	0:25	Morning Tea		
Government update	4	10:25 AM	10:50 AM	0:25	TMR and Digital Engineering	Pooya Saba & Gavin Cairns	QLD Department of Transport and Main Roads
	5	10:50 AM	11:15 AM	0:25	Change Journey	Devon Middleditch	TfNSW
	6	11:15 AM	11:30 AM	0:15	BIM - Not just for Design	Sophie Denford	Sydney Metro
	7	11:30 AM	11:45 AM	0:15	NSW Infrastructure Digitalisation Roadmap - what is it and what's next?	Atsushi Yamamoto	Infrastructure NSW
	8	11:45 AM	12:00 PM	0:15	ABAB industry update	Andrew Curthoys	ABAB
	9	12:00 PM	12:15 PM	0:15	Government Session Q&A	Eric Bugeja	All
	10	12:15 PM	1:00 PM	0:45	Lunch		
Model validation & Conditioning	11	1:00 PM	1:15 PM	0:15	Introduction to Model Conditioning and Validation	Scott Beazley	Geometry Gym
	12	1:15 PM	1:30 PM	0:15	Getting ahead of Risk in Digital Delivery	Ligia Durante Trindade	WSP
	15	1:30 PM	1:45 PM	0:15	Structured OpenBIM, essential for Construction planning	Fiona Becchio & Eric Bugeja	EIC Activities (CIMIC)
	16	1:45 PM	2:00 PM	0:15	Construction Simulation utilising openBIM	Ken Panitz & Jason McGavin	IDD Tech
	17	2:00 PM	2:15 PM	0:15	Model conditioning using BlenderBIM	Dion Mout	Lendlease
	18	2:15 PM	2:30 PM	0:15	Panel session - Model conditioning and validation	Scott Beazley	Geometry Gym
	19	2:30 PM	2:45 PM	0:15	Afternoon Tea		
Case Studies	20	2:45 PM	3:15 PM	0:30	The drawingless bridge	Oystein Ulvestad, John Legge-Wilkinson	Arup
	21	3:15 PM	3:35 PM	0:20	AECO Ecosystem Interoperability	Dr Robert Doe	University of SA
	22	3:35 PM	3:50 PM	0:15	Building Product Traceability	Bonnie Ryan	GS1
	23	3:50 PM	4:10 PM	0:20	Leveraging openBIM for low-carbon design	Sandra Lang	Systra
	24	4:10 PM	4:25 PM	0:15	Unified Workflows: Connecting IFC to Design and Analysis	Andre Pereira & Edward Dalton	TTW
	25	4:25 PM	4:45 PM	0:20	Navigating openBIM and ISO 19650 on a large scale, multi-platform project	Maciej Wypych	Modmation
	26	4:45 PM	5:00 PM	0:15	CLOSING REMARKS	Eric Bugeja	buildingSMART
	27	5:00 PM	5:55 PM	0:55	Networking Drinks		