



AGENDA

12d Technical Forum

2018

Brisbane | 29-31 July

THEME

“Pushing the Boundaries with 12d”



The new 12d Model 14
and 12d Synergy 4 are here!



Pushing the Boundaries With 12d

12d Technical Forum
2018

Popular reasons delegates choose to attend the Technical Forum

1. Comprehensive and great value!
2. A great place to network and gain industry knowledge
3. An opportunity to increase your skills and understand how to best utilise 12d Model 14 and 12d Synergy 4
4. Meet the developers of 12d Software
5. An opportunity to be amongst innovators
6. Be a part of the 12d Model Innovation Awards

Technical Forum attendees include...

The Technical Forum is attended by users through to managers and directors with backgrounds in:

- Civil Engineering
- Civil Design
- Surveying/GIS/Mapping
- Construction
- Asset Management
- Government
- Environmental Groups/Departments
- Business Development Managers
- Complementary Software
- Survey Instruments

“...The event delivered a good indication of the direction we should be heading, but the highlight is the networking opportunities with like organisations and clients.”
(excerpt from Delegate Survey)

Expand your industry knowledge

In addition to the main presentations, Technical Forum delegates enjoy the ‘Birds of a Feather’ sessions. This is where attendees can choose to attend specialised tutorials held in areas such as Design, Surveying, 12d Field Drainage and 12d Synergy.

Attendees can also check out ‘Birds of a Feather Stands’ with suppliers of complementary products such as survey instruments, hardware and software.

Attendees will be able to ask 12d staff questions relating to all things 12d Model and 12d Synergy!

“For me the interaction with GIS/12d was interesting and the capabilities of 12d as a whole...coming from a CAD background I was most impressed.”

(excerpt from Delegate Survey)

Delegates get to meet the developers of 12d Model and 12d Synergy. The Technical Forum allows you to meet and share thoughts with our programming team. Delegates enjoy the opportunity to gain many insights and provide valuable feedback.

“...The approachability of all, and the support for 12d users from the developers...”

(excerpt from Delegate Survey)

12d developers and 12d clients are highly involved in pushing the industry forward in leaps and bounds and have achieved a lot together over the last 27 years.

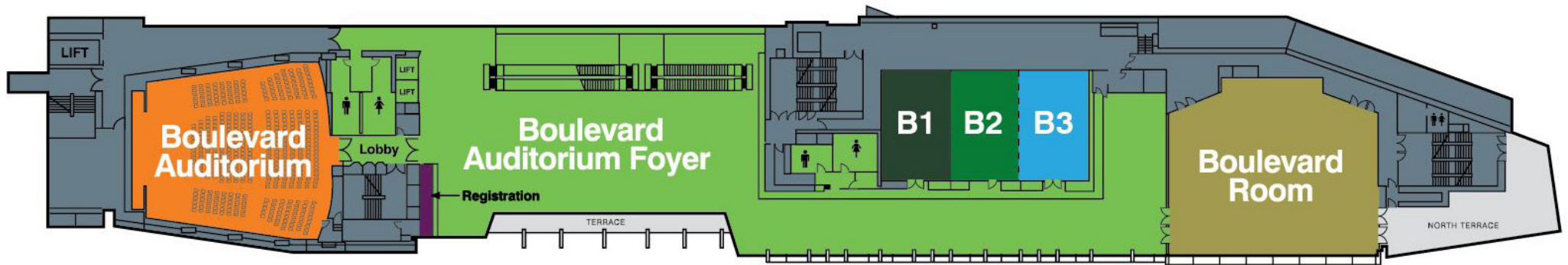
The Technical Forum is your opportunity to be amongst those involved and to participate in this dynamic and innovative community.

“Great chance to look at better ways to do things”
(excerpt from Delegate Survey)

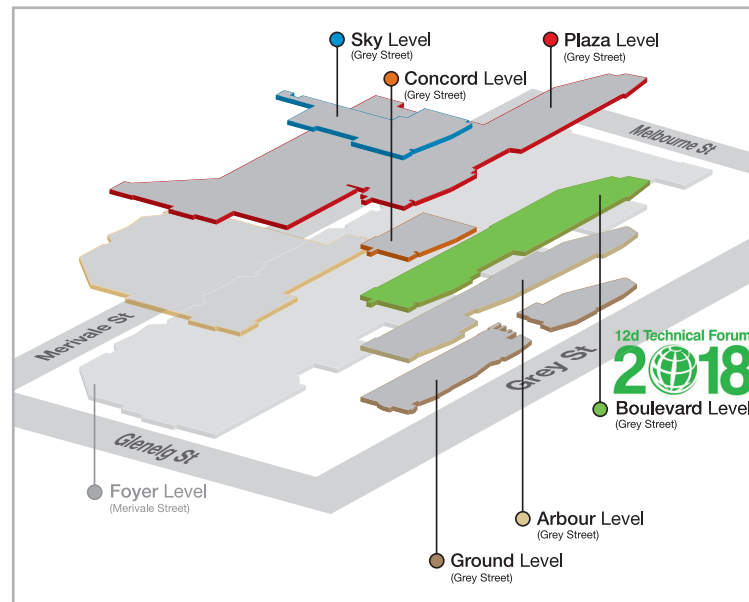


Floor Plan Conference Layout

- Main Conference Talks
- Birds of a Feather - Design
- Birds of a Feather - Survey
- Birds of a Feather - 12d Synergy
- Exhibition Space
- Welcome Event Area
- Birds of a Feather - Three Waters
- Conference Dinner
- 12d Innovation Awards Presentation



- Boulevard**
Level Rooms
- Boulevard Auditorium
 - Room B1
 - Room B2
 - Room B3
 - Boulevard Room



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Day 1 Sunday 29th July 2018

8:00 - 10:00	Arrival & Registration - Tea & Coffee			
10:00 - 11:45 SESSION 1	MAIN ROOM (105 mins) Welcome and Conference Outline 12d Model 14 Highlights 12d Synergy 4 Highlights 12d View NCTIR (NZ)	Presenter Lee Gregory Lee Gregory Richard Stoliar Lee Gregory Charlie Dickson, Stuart Hamilton & Cameron Paintin		
11:45 - 12:15	Morning Tea Break (30 mins)			
12:15 - 1:30 SESSION 2 Birds of a Feather	Design Room (75 mins) MTF Modifiers MTF Layers MTF Decisionals MTF Snippets	Survey Room (75 mins) Combined 12d Field - Setout Combined 12d Field - Pickup	Water Room (75 mins) Drainage Fundamentals Rational Hydrology and Hydraulics Water Model Templates V14 Water Menu and Links and Nodes V14 User Defined House Connections	12d Synergy Room (75 mins) 12d Synergy Business Update Advanced CAD Management Introduction to Spatial Search
1:30 - 2:30	Lunch Break (60 mins)			
2:30 - 3:45 SESSION 3 Birds of a Feather	Design Room (75 mins) Pavement and BIM Attributes (Survey, Design, BIM, KML, ADAC) String Inquire Style	Survey Room (75 mins) 12d Field Pickup V14 - BCC 12d Field Setout V12 - Perth Metro 12d Field V14 Life Cycle Q&A	Water Room (75 mins) Dynamic Water Supply Clash Detection	12d Synergy Room (75 mins) Email and Document Management Customer Story: Premise LD Eng: Quality and ISO Standards Abtrac Overview
3:45 - 4:15	Afternoon Tea Break (30 mins)			
4:15 - 5:45 SESSION 4	MAIN ROOM (90 mins) NorthConnex Update (NSW) Managing Drawings with 12d Synergy Clash detection Civil BIM and IFCs Attribute Manipulator Setting out BIM Westgate Tunnel (Vic)	Presenter David Mares and Matthew Monk Richard Stoliar Hanh Cao Lee Gregory Paul Hardwick Paul Hardwick Tim Frost (Jacobs) and Christ Hunt (Aurecon)		
6:00 - 8:00	Welcome Drinks (120 mins)			

Day 2 Monday 30th July 2018

8:15 - 9:00	Registration - Tea & Coffee			
9:00 - 10:45 SESSION 5	MAIN ROOM (105 mins) Bells Line of Road (NSW) Model of the Earth; GDA 2020; Dynamic Datums Complete Design Documentation - Parramatta Light Rail (NSW) Lighting Package (Qld) 12d Model and Revit	Presenter Richard Russell - Arcadis Lee Gregory Niall Brady & Jarred Dickson - Arup Sudhar Loganathan - TMR Sean Lawrence - GHD		
10:45 - 11:15	Morning Tea Break (30 mins)			
11:15 - 12:30 SESSION 6 Birds of a Feather	Design Room (75 mins) Components Use (including CreateRoads, Pavement Management) Apply MTF Manager, Multi MTF Sight Distance Report New Attribute Widening	Survey Room (75 mins) MRC Form 6 ADAC for NZ Surveyors TMR Customisation Fulton Hogan: 12d Synergy and 12d View	Water Room (75 mins) Drainage 2D Fundamentals and Roadflow Drainage 2D Advanced Drainage 2D GPU	12d Synergy Room (75 mins) Introducing the Workflow Engine Advanced CAD Management Reports, Gadgets and Dashboards
12:30 - 1:30	Lunch Break (60 mins)			
1:30 - 2:45 SESSION 7 Birds of a Feather	Design Room (75 mins) Tunnel Profile Kerb Ramps Design/Construct Utilities Recreate, Barriers, Fences, and Traffic Signals Bridges (Profile to Trimesh)	Survey Room (75 mins) 12d Synergy for Surveyors Safeguard your 12d Model Projects Survey Data Reduction - new features CAD for Surveyors Q&A panel	Water Room (75 mins) V14 Extended Pits and Risers Create HGL in 3D Writing out Water strings for BIM Create Headwall Trimeshes Flexible Pit Shape Creation	12d Synergy Room (75 mins) Embracing a New Data Management Strategy TMR: 12d Synergy for Government Designing Great Workflows Total Synergy Overview
2:45 - 3:15	Afternoon Tea Break (30 mins)			
3:15 - 4:20 SESSION 8	MAIN ROOM (65 mins) Using a Drone New MPS - MultiPage Plots Civil Object Creation in 12d Model	Presenter Noel Burton Lane Irwin and Ben Pham Steve Hunter - AECOM		
4:20 - 4:45	Delegate Group Photos (25 mins)			
4:45 - ?	Special Guest Speaker			
7:30 - Late	GALA DINNER & INNOVATION AWARDS - Plaza Terrace Room			

Day 3 Tuesday 31st July 2018

8:15 - 9:00	Registration - Tea & Coffee			
9:00 - 10:45 SESSION 9	MAIN ROOM (105 mins) Rocklea to Darra Project (Qld) Point Clouds at BCC Public Works Standards Public Works Standards - Plots 12d Synergy: Embracing Flexible Working M1 to M3 (Qld)	Presenter Stuart Cook - BG & E Peter Murray Tim Brooks Owen Thornton Joel Gregory Peter Ryan - Jacobs		
10:45 - 11:15	Morning Tea Break (30 mins)			
11:15 - 12:30 SESSION 10 Birds of a Feather	Design Room (75 mins) Overlay Design Pavement Overlay Guide Post Placement Clash Detection	Survey Room (75 mins) Setting out BIM - Trimeshes and IFC PW Survey Standards and Styles Point Cloud Management	Water Room (75 mins) Dynamic Drainage Analysis Fundamentals Catchments for Bypass AR&R 2016 Downhill Strings - enhanced	12d Synergy Room (75 mins) Enhanced 12d Model Management Managing Multiple Offices Folder Structures: Best Practices Your Project Collaboration Environment
12:30 - 1:15	Lunch Break (45 mins)			
1:15 - 2:30 SESSION 11 Birds of a Feather	Design Room (75 mins) Create Lots Pads (Outside the box) A Simple Guide to Track Terminology	Survey Room (75 mins) ADAC V4 and V5 Panoramic Surveys 12d Survey Q&A session - Future and wishes	Water Room (75 mins) Culverts - Storage/Hydraulics with 12da Drainage Library Drainage Plan Plot Enhancements Setout Diagrams for Nodes Setting out Water Strings for Construction	12d Synergy Room (75 mins) Implementation and Change Management Configuration Options Advanced CAD Management
2:30 - 2:45	Return to Main Conference Room (15 mins)			
2:45 - 3:45 SESSION 12	MAIN ROOM (60 mins) What Happens to Your Crash Logs Asia and EMEA Presentation 12d Potpourri Conference Round Up and Close	Presenter Lee Gregory Soon Teh Alan Gray Lee Gregory		
3:45 - 5:00 AFTER OFFICIAL CLOSE	Q&A in Birds of a Feather Rooms			