



## AGENDA

### 25TH AUGUST 2021

 11:00 - 11:05  
MC OPENS


 11:05 - 11:25

#### Digitisation – the Key to Economic and Sustainable Ambitions of the Construction Industry

- Digital Engineering, Smart Infrastructure and Digital Transformation

Simon VAUX, CEO, Deos Digital, Former Director Digital Engineering, Transport for NSW



 11:25 - 12:00

#### Panel Discussion: Shaping the Future of Australia's Construction Industry through Technology

- Exploring BIM and AI in Construction Projects
- Integration of Product Information Management System (PIM) with BIM for seamless flow of product information throughout the construction supply chain
- Wearable Technology in the Construction Industry – the Next Big Leap Forward

Dominic Martens, Design Technology Leader, Silver Thomas Hanley (STH)

Ken Lee, Group BIM Manager – Digital Engineering, Robert Bird Group

Polina Hadjimitova, Founder/BIM Manager, Bimmetry

Rebecca De Cicco, Principal, Digital Operations, Aurecon



🕒 12:00 - 12:20



### **Automated to Advanced Clash Detection: A Step Towards Delivering Fully Coordinated Construction Models**

With the advancement of technology and the enhancements in the preconstruction processes, we can now take a huge step towards delivering a fully coordinated construction model. This will ensure the quality of construction and reduce the wastage of construction material, a key objective of lean construction. In this session, you will learn about automated clash detection using the Autodesk Construction Solution products and also understand how these products work with advanced clashes in construction projects.

Deepak Maini, National Technical Manager, Cadgroup Australia

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🕒 12:20 - 12:30  
COFFEE BREAK

🕒 12:30 - 12:55



### **Future Proofing the Construction Industry through Drones**

- UAV technology is rapidly gaining ground in the construction sector, but the need to integrate new tools can mean that uptake is often still slower than desired.
- UAVs offer a cost-effective solution to help streamline operational efficiencies throughout the entirety of a construction project, by increasing profit margins and improving safety.
- By changing how data is made available and shared on construction projects, it is further driving innovation across the industry — and offering a range of possibilities for the future of mapping in the construction space.

Jackie Dujmovic, Founder and CEO, Hover UAV

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🕒 12:55 - 13:20



### **Exploring Augmented and Virtual Reality in the Building and Construction Sector**

- Improving Collaboration
- Better Training and Safety
- Improving Customer Experience

David Francis, CEO & Co-Founder, Virtual Method

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🕒 13:20 - 13:45



### **Reimagining the Construction Industry through Digital Twin Technology**

- Providing organisations with real time data to monitor assets and make improvements
- Managing Risk, Reducing Rework and Driving Efficiency in Construction Projects

Genéne Kleppe, CEO & Founder, Digital Twinning Australia

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🕒 13:45 - 14:05  
LUNCH BREAK

🕒 14:05 - 14:25

**Prefab and Modular Construction – The Future of Building in Australia**



- Role of Prefabrication in transforming the built environment
- Decreasing construction time frames and construction waste while increasing quality, productivity and affordability

Joyce Ferng, Associate Director – ANZ Modular Lead, AECOM

🕒 14:25 - 15:00

**Fireside Chat:  
Adjusting to the New Normal: Next generation Technology to Build Resilience within the Construction Industry**



- Fostering Business Resilience through Technology
- Digital Transformation and Thriving in the New Normal

Aaron Belbasis, Futures Technology Leader, Aurecon

Jeremy Harkins, Director, ineni Realtime

🕒 15:00 - 15:05  
MC CLOSSES

Agenda is subject to change

\*Speakers to be confirmed

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