



Opening Ceremony

Location	L2, Peridot, MAX Atria @ Singapore EXPO
Time	Activity
9:00 AM	Joint Welcome Address Constellar and Singapore Institute of Building Limited (SIBL) <ul style="list-style-type: none"> • James Boey, Executive Director, Events Business, Constellar • Dr. Sussie Ketit, President, SIBL
9:10 AM	Guest of Honour Opening Address <ul style="list-style-type: none"> • Mr Tan Kiat How, Minister of State, Ministry of Communications and Information & Ministry of National Development
Location	Singapore EXPO Hall 3
9:30 AM	Ribbon Cutting + Photo Taking <ul style="list-style-type: none"> • Mr Tan Kiat How, Minister of State, Ministry of Communications and Information & Ministry of National Development • Dr. Sussie Ketit, President, SIBL • Jean-Francois Quentin, Group Chief Executive, Constellar Holdings • Kelvin Wong, Chief Executive Officer at Building and Construction Authority
10:05 AM	Signing of Memorandum of Understanding 1 <ul style="list-style-type: none"> • James Boey, Executive Director, Events Business, Constellar • Michael Wilton, Director and GM, MMI AsiaWitnesses Signing of Memorandum of Understanding 2 <ul style="list-style-type: none"> • Dr. Sussie Ketit, President, SIBL • Marcus Lim, Head of Strategic Partnership, RICS
10:30 AM	Guided Tour for MOU VIPs
	End of Opening Ceremony

SCAL Seminar: Construction Safety & Health Conference 2022

16 MARCH 2022

Location	L2, Garnet 212 - 213, MAX Atria @ Singapore EXPO
Time	Activity
1:00 PM	Guided Tour
2:30 PM	Welcome Address <ul style="list-style-type: none">Jacob Wong, Executive Director, Kwan Yong Construction, SCAL Council Member
2:35 PM	Presentation: Embarking on digital transformation with a unified platform Speaker: <ul style="list-style-type: none">Christian Surya Kencana, Account Director, ASEAN, Procore
2:55 PM	Presentation: Plan and execute confidently with digitalised constructible information and connected workflow Speaker: <ul style="list-style-type: none">Mark Tung, Sales & Business Development Director (SEA), Structures Div, Construction Sector, Trimble
3:15 PM	Presentation: Digitalize to survive and win more projects Speaker: <ul style="list-style-type: none">William Low, Regional Manager, ASIA · Autodesk Construction Solutions
3:40 PM	Q&A Panel
4:10 PM	Closing Remarks
5:00 PM	Networking Session

Construction Safety & Health Conference 2022

17 March 2022

Location	L2, Garnet 212 - 213, MAX Atria @ Singapore EXPO
Time	Activity
8:55 AM	Introduction of Emcee
9:00 AM	Opening Address <ul style="list-style-type: none">Shirley Chan, Business Director, Constellar Exhibitions Pte. Ltd
9:10 AM	Welcome Address <ul style="list-style-type: none">Raymond Wat, Founder, World of Safety & Health Asia
9:20 AM	Keynote Address: Safety & Health Priorities for the Construction Sector Speaker: <ul style="list-style-type: none">Silas Sng Wee Kiat, Divisional Director – Occupational Safety and Health Division, Ministry of Manpower
9:45 AM	Presentation: In the perspective of the Asia Pacific region, what has the pandemic taught us about safety and health? Speaker:

	<ul style="list-style-type: none"> Bernie Doyle Secretary General, Asia Pacific Occupational Safety and Health Organisation
10:15 AM	<p>Presentation: How an online permit to work application assisted many construction sites in continuing to operate normally during the Work from Home and Safe Management Measures Period.</p> <p>Speaker:</p> <ul style="list-style-type: none"> Mohamed Shajahan, Director, Newgene Technologies Pte Ltd
10:45 AM	<p>Presentation: Circuit Breaker, Safe management measures, Labour Crunch – All of these had exponentially increased the use of online services. Is Online Equipment Rental becoming the new normal?</p> <p>Speaker:</p> <ul style="list-style-type: none"> Kek Hean Hooi, Co-Founder & CEO, Antbuildz.com
11:15 AM	<p>Presentation: Changing Trends in Safety and Health due to the Pandemic</p> <p>Speaker:</p> <ul style="list-style-type: none"> P MuthuKumar, WSHE Manager, Straits Construction Singapore Pte Ltd
11:45 AM	<p>Presentation: A Look Into How Worker and Equipment Tracking Can Take Construction Safety To The Next Level</p> <p>Speaker:</p> <ul style="list-style-type: none"> Kynaston Ng, Business Development Manager, TagBox Pte Ltd.
12:10 PM	Guided Tour

APARA - AI & Robotics in Construction Conference 2022

17 March 2022

Location	BTA Digital Platform
Time	Activity
2:00 PM	<p>Welcome Address</p> <ul style="list-style-type: none"> Ellen Quen, Council Member, APARA Founder, MedHyve
2:10 PM	<p>Opening Remarks</p> <ul style="list-style-type: none"> Changho Kim, Chairman, Global Robot Cluster
2:20 PM	<p>Presentation: Tomorrow's Built — Robots Help in Construction of Low-Rise Building</p> <p>Speaker:</p> <ul style="list-style-type: none"> Oliver Tian, Founder, Oliver Tian Associates VP, GRC & Vice-Chair, IARA
2:30 PM	<p>Presentation: Key Considerations in Deploying AI & Robotics Technologies in Construction</p> <p>Speaker:</p> <ul style="list-style-type: none"> Prof. Chen I-Ming, Founder & Chairman, Transforma Robotics
3:00 PM	<p>Presentation: Current Landscape of AI & Robotics Applications in Construction</p> <p>Speaker:</p> <ul style="list-style-type: none"> Philippe Roussel, Council Member, FCC Robotique

3:30 PM	<p>Case Study: Case I</p> <p>Speaker:</p> <ul style="list-style-type: none"> Julian Kim, MD, RoboPrint Asia
3:50 PM	<p>Case Study: Case II - Smart Robots for Construction Sites</p> <p>Speaker:</p> <ul style="list-style-type: none"> Guy German, CEO, Okibo, Israel
4:20 PM	<p>Case Study: Case III - Simplicity is Complexity Resolved</p> <p>Speaker:</p> <ul style="list-style-type: none"> Sean Baptist, CEO, Graffiquo, Singapore
4:40 PM	<p>Panel Discussion: Standards and Guidelines for Using Technology in Construction Sites</p> <p>Panelists:</p> <ul style="list-style-type: none"> Sean Baptist, CEO, Graffiquo, Singapore Philippe Roussel, Council Member, FCC Robotique Julian Kim, MD, RoboPrint Asia Goh Soek-Mei, Executive Director, United Cities <p>Moderator:</p> <ul style="list-style-type: none"> Oliver Tian, Founder, Oliver Tian Associates VP, GRC & Vice-Chair, IARA

Sandbox Sessions

15 – 17 March 2022

Location	Singapore EXPO Hall 3
15 March	Day 1
Time	Activity
11:00 AM	<p>Optimise BIM Usage in Construction Phase</p> <p>Speaker:</p> <ul style="list-style-type: none"> Andy Tiong Meng Jun, Professional Services Director, PCSS Consultancy Pte Ltd
11:30 AM	<p>Automated Monitoring with Micro-Aerial Robotics & AI</p> <p>Speaker:</p> <ul style="list-style-type: none"> Lu Weiyao, Technical Director, Flare Dynamics Pte Ltd
12:00 PM	<p>AI: Key To Revolutionize The Construction Industry</p> <p>Speaker:</p> <ul style="list-style-type: none"> KC Ho, Operations Lead, APAC, OpenSpace
1:30 PM	<p>SafeSite. A Safer Worksite for All</p> <p>Speaker:</p> <ul style="list-style-type: none"> Jasling Ong, Managing Director, Tracesafe Asia Pacific Pte Ltd
2:00 PM	<p>From Smart to AI - Enhancing productivity gains in Facility Management / Built Environment</p>

	Speaker: <ul style="list-style-type: none"> • Bill Lee, Managing Director and Founder, Azendian Solutions
2:30 PM	Blackline: Connected Safety Speaker: <ul style="list-style-type: none"> • Crystal Heng, Manager of Marketing & BPM, PDS International
3:00 PM	Adoption of automation and robotics to sustain and transform the post-COVID-19 BE sector Speaker: <ul style="list-style-type: none"> • Bruce Tan Kia Yeong, Senior Business Development Engineer, Doog International Pte Ltd
3:30 PM	Speeding up your construction with MOMENT Hybrid Precast Connection Speaker: <ul style="list-style-type: none"> • Anthony Au, Technical and Specification Manager, Leviat Pte Ltd
4:00 PM	Changing How Migrant Workers Commute Speaker: <ul style="list-style-type: none"> • Jean Christopher Li, Co-Founder, Aespada Technologies Pte Ltd
4:30 PM	Digital Kaizen for the Built Environment Speaker: <ul style="list-style-type: none"> • Edward Senju, Regional CEO, Sansan Inc.

Location	Singapore EXPO Hall 3
16 March	Day 2
Time	Activity
10:30 AM	Transform your Structural Inspections with Cloud-connected Sensors, Software, and Data Speaker: <ul style="list-style-type: none"> • Thomas Lim, VP Software Sales APAC, Screening Eagle Technologies
11:00 AM	The IIoT platform for industry and production-moneo Speaker: <ul style="list-style-type: none"> • Jeffrey Kun, System Sales Manager, IFM Electronic Pte Ltd
11:30 AM	Solutioning for the Times & Beyond Speaker: <ul style="list-style-type: none"> • Alvin Lim, General Manager, TK Elevator Singapore
12:00 PM	The Great Combination of Technology and Nature Speaker: <ul style="list-style-type: none"> • Shawn Chien, Managing Director, Sunnic Technology & Merchandise
1:00 PM	Lunch
2:00 PM	Preparing for Work at height

	Speaker: <ul style="list-style-type: none"> Philippe Girardot, Managing Director, Akrobat Pte Ltd
2:30 PM	Future Ready Digital Ecosystem & Connectivity to Make Buildings Smarter Speaker: <ul style="list-style-type: none"> Adrian Tan, Head of Development, Edgenta NXT
3:00 PM	The Power of Data: Energy Efficiency vs Energy Conservation in HVAC Systems Speaker: <ul style="list-style-type: none"> Elodie HECQ, Head of Sales – APAC, Region, Beebryte
3:30 PM	Enhancing FM Service Delivery through AI Speaker: <ul style="list-style-type: none"> Benadixavier Raja, Technical Specialist Lead, Yi-Ke Innovations
4:00 PM	Intelligent Communities Lifecycle (ICL) for the Built Environment Speaker: <ul style="list-style-type: none"> Rohan Rawte, Director, IESVE Singapore Pte Ltd
4:30 PM	3D Digital Twin Platform- State-of-the-Art Collaboration Speaker: <ul style="list-style-type: none"> John Chung, Customer Success Manager, Cupix Inc

Location	Singapore EXPO Hall 3
17 March	Day 3
Time	Activity
11:00 AM	Cork - your answer to a Greener Thermal & Acoustic Insulation Speaker: <ul style="list-style-type: none"> Mike Wong, Managing Director, Buildo Engineering Pte Ltd
11:30 AM	Emission-Free Future for Construction Speaker: <ul style="list-style-type: none"> Jacob Seet, Head of South East Asia and Oceania, Ampd Energy

**SMART FM- Innovation
for a Sustainable & SMART
Built Environment**

**15 - 16 March 2022
Singapore EXPO**

Location	L2, Peridot, MAX Atria @ Singapore EXPO
15 March	Day 1
Time	Activity
9:00 AM	<p>Joint Welcome Address Constellar and Singapore Institute of Building Limited (SIBL)</p> <ul style="list-style-type: none"> James Boey, Executive Director, Events Business, Constellar Dr. Sussie Ketit, President, SIBL
9:10 AM	<p>Guest of Honour Opening Address</p> <ul style="list-style-type: none"> Mr Tan Kiat How, Minister of State, Ministry of Communications and Information & Ministry of National Development
9:25 AM	<p>Keynote: Evolutions in FM for a Complex Future</p> <p>Speaker:</p> <ul style="list-style-type: none"> Dr Teo Ho Pin, Former Mayor, NW District & Former MP of Bukit Panjang
10:00 AM	Tea Break
SMART BUILDING	
10:30 AM	<p>Presentation: Stop Chasing Data during Construction Handovers - How Cloud Solutions Connect Building to Facility Management</p> <p>Speaker:</p> <ul style="list-style-type: none"> William Low, Head of ASIA, Autodesk Construction Solutions
11:00 AM	<p>Presentation: Futuristic Technology for today's construction site documentation</p> <p>Speaker:</p> <ul style="list-style-type: none"> KC Ho, Operations Lead, APAC, Openspace.ai
11:30 AM	<p>Presentation: Solutioning for the Times & Beyond</p> <p>Speaker:</p> <ul style="list-style-type: none"> Alvin Lim, General Manager, TK Elevator Singapore
12:00 PM	Lunch & Exhibition tour
2:00 PM	<p>Presentation: Optimising FM & Digital Spaces with the "Smarts" of AI & IoT</p> <p>Speaker:</p> <ul style="list-style-type: none"> C.K. Vishwakarma, Founder, AllThingsConnected
2:30 PM	Presentation: Future Forward with 5G – Prospects for New Capabilities & Performance in Smart Buildings

	Speaker: <ul style="list-style-type: none"> Stephen Ho, Group Chief Operating Officer, Skylab Holding
3:00 PM	Presentation: Transforming FM Operations & Performance with Automated Processes Speaker: <ul style="list-style-type: none"> Christopher Lim, Chief Executive Officer, Glee Trees Pte Ltd
3.30 PM	Tea Break
4:00 PM	Presentation: Towards Circularity and Resource Efficiency in Architecture by 3D Printing Speaker: <ul style="list-style-type: none"> Carlos Bañón, Director of Airlab, Co-Founder of Subarquitectura Architects, and Assistant Professor of Architecture and Sustainable Design, SUTD
4:30 PM	Presentation: Designing Workplace 2.0 for Post-Pandemic Times & Beyond Speaker: <ul style="list-style-type: none"> Byron Heath, VP Portfolio & Business Dev for Digital Buildings Middle East & Asia, Siemens
5:00 PM	Panel Discussion: Key Priorities for Future-Proof Buildings – How Has the Landscape Changed? Panelists: <ul style="list-style-type: none"> Alvin Ng, Vice President & General Manager, Johnson Controls, Singapore Cheng Wee Leong, Director, Method Engineering Aditya Karkera, Managing Partner, Ocelot Moderator: <ul style="list-style-type: none"> Vineet Shrivastava, Director, Singapore Institute of Building Limited
5: 45 PM	End of Day 1 of FMC

Location	L2, Peridot, MAX Atria @ Singapore EXPO
16 March	Day 2
Time	Activity
SUSTAINABLE BUILDINGS FOR FUTURE GENERATIONS	
9:00 AM	Opening Speech Shirley Chan, Business Director, Constellar
9:05 AM	Keynote: Building to a Higher Standard: Green Mark in Green Buildings Speaker: <ul style="list-style-type: none"> Farizan De Moran, Senior Partner, GreenA Consultants Pte Ltd
9:40 AM	Presentation: Singapore’s Eco Smart City – Bringing Sustainable Urbanisation to Life Speaker: <ul style="list-style-type: none"> Eugene Seah, Managing Director, Smart City Solutions, Senior Director (Special Projects), Director, Threesixty Contract Advisory, Surbana Jurong
10:10 AM	Tea Break
10:45 AM	Presentation: Sustainable Buildings for Future Generations

	<p>Speaker:</p> <ul style="list-style-type: none"> • A/Prof Daniel Wong Hwee Boon, Department of Building, NUS and Building and Estate Management Alumni (BEMA) Representative
11:20 AM	<p>Presentation: Building 'Green' for Healthier & Safer Pandemic-Proof Environments</p> <p>Speaker:</p> <ul style="list-style-type: none"> • Raymond Chan, Enterprise Sales Director, uHoo
11:55 AM	<p>BIM BSI Accreditation Launch</p> <p>Speaker:</p> <ul style="list-style-type: none"> • Kok Hwee Tan, Sector Development Director APAC, BSI
12:15 PM	Lunch & Exhibition tour
2:00 PM	<p>Panel Discussion: Sustainable Buildings for Future Generations – Green & Brown Field Perspectives</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Dr Srilalitha Gopalakrishnan, President, Singapore Institute of Landscape Architects • Vineet Shrivastava, Director, Singapore Institute of Building Limited • Vignesh Kaushik, Regional Design Technology Director, Gensler • Kelvin Kan, Principal Architect & Facade Consultant, AGFacadesign <p>Moderator:</p> <ul style="list-style-type: none"> • A/Prof Daniel Wong Hwee Boon, Department of Building, NUS and Building and Estate Management Alumni (BEMA) Representative
2:45 PM	<p>Presentation: Sustainable Building Designs from Working with Nature</p> <p>Speaker:</p> <ul style="list-style-type: none"> • Elke Kornalijnslijper, Head of ESS for Southeast Asia, JLL
3:15 PM	<p>Presentation: Mind+Matter in Leading Innovation and Driving Change in the Built Environment Sector</p> <p>Speaker:</p> <ul style="list-style-type: none"> • Shih Jih Yao, Head of Smart Utilities and Infrastructure, Urban Solutions, ST Engineering
3:45 PM	<p>Presentation: COVID-19 (Temporary Measures) Act 2020 – Implications for the FM Industry & Contracts with Case Study Highlights</p> <p>Speaker:</p> <ul style="list-style-type: none"> • David Shanmugam, Lawyer Partner, Netto & Magin LLC
4:15 PM	Closing Remarks
	End of FMC 2022



Location	L2, Peridot, MAX Atria @ Singapore EXPO
17 March	
Time	Activity
9:00 AM	Organizer's Welcome Remarks <ul style="list-style-type: none"> • Dr Sussie Ketit, Consultant, SMART FM, Chairman, Construction Industry Joint Committee, President, SIBL
9:10 AM	Guest of Honour Opening Remarks <ul style="list-style-type: none"> • Chee Hong Tat, Deputy Secretary-General, National Trades Union Congress
9:15 AM	Signing of Memorandum of Understanding SIBL and CABA SG Chapter <ul style="list-style-type: none"> • Dr. Sussie Ketit • Sam Chu, CABA SG Chapter Chair
9:30 AM	Presentation: Designing for Resilience in Asia Speaker: <ul style="list-style-type: none"> • Robert Brodeth, Director (Architecture), ONG&ONG Singapore
10:00 AM	Presentation: Building better infrastructure with digital twins Speaker: <ul style="list-style-type: none"> • Paul King, Industry Solution Director, Construction
10:20 AM	Break
CLIMATE CHANGE	
10:40 AM	Presentation: Building Climate-Resilient Infrastructure in the Post Pandemic Speaker: <ul style="list-style-type: none"> • Dr Sussie Ketit, Consultant, SMART FM, Chairman, Construction Industry Joint Committee, President, SIBL
11:00 AM	Presentation: Building Hope and Resilience: Sustainable Real Estate in Africa Speaker: <ul style="list-style-type: none"> • H.E. Jean De Dieu Uwihanganye, High Commissioner of Rwanda to Singapore, Australia, New Zealand and Indonesia, Government of Rwanda
Sustainability Finance	
11:20 AM	Presentation: Accelerating Net-Zero Transition with Green Financing Speaker:

	<ul style="list-style-type: none"> • Dr Coby Wong, Senior Vice President, Sustainability, Institutional Banking Group, DBS Bank
11:40 AM	<p>Presentation: Digital Kaizen for the Built Environment</p> <p>Speaker:</p> <ul style="list-style-type: none"> • Edward Senju, Regional CEO, Sansan Inc
12:00 PM	<p>Panel Discussion: Inclusion and Sustainability: Green Finance Trends in the Next Decades</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Simon Xie, Country-Head, Funding Societies Singapore • Chin Chuan Wee, Director, Oriel Group <p>Moderator:</p> <ul style="list-style-type: none"> • Nora Tan, Associate Director, Singapore Institute of Building Limited
12:40 PM	Lunch Break
1:40 PM	<p>Presentation: Project Progress Monitoring and Façade Inspection</p> <p>Speaker:</p> <ul style="list-style-type: none"> • Irene Chiang, Sales And Marketing Executive, MIRS Innovate Pte Ltd
Innovation	
2:00 PM	<p>Presentation: Building Performance under Future Climate Uncertainties</p> <p>Speaker:</p> <ul style="list-style-type: none"> • Jessica Holz, Associate, Sustainability, Aurecon Aurecon
2:20PM	<p>Presentation: Creating a Culture of Wellbeing: Enterprise Approach in Driving Human Resilience</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Sean Lim Chee Shung, Director, Human Capital, NTUC Learning Hub • Wendy Tan Mei Feng, Head (Covering Director), Youth Development National Trades Union Congress
3:00 PM	Break
Innovation	
3:20 PM	<p>Presentation: Delivering process improvement with the construction digital twin</p> <p>Speaker:</p> <ul style="list-style-type: none"> • Iwan Pribadi, Global Growth Director- Construction, Bentley
3:40 PM	<p>Presentation: Engineering resilience for the Built Environment: A Legal Perspective</p> <p>Speaker:</p> <ul style="list-style-type: none"> • Danna Er, Partner, Eldan Law LLP
Human Development	
4:00 PM	<p>Presentation: Education (RoVE) and its Impact on Construction and Built</p> <p>Speaker:</p> <ul style="list-style-type: none"> • Mr Warwick Quinn, Deputy Chief Executive, New Zealand Institute of Skills and Training, New Zealand
4:20 PM	Presentation: Adopting a Postmodern Perspective to Build a Resilience Organisation

4:40 PM	Presentation: Human Resilience and Mindfulness Speaker: <ul style="list-style-type: none">• Dr Richard Lim, Managing Director, The Relational, Singapore
5:00 PM	Closing Remarks Farizan d’Avezac de Moran, LEED AP BD+C, Living Future AP, Green Mark AAP, GreenA Consultants Pte Ltd, Singapore