

i-Club Newsletter

October 2021

i-Club News

Feature Story



Exclusive Interview with Director of CIC Industry Development

Let's welcome Mr. SUEN Chung-keung Daniel, an experienced professional, to lead the Industry Development of CIC! Daniel had been contributing the construction industry for over 30 years. For more than 20 years, Daniel had been the Senior Management / Director of Campus Development for a university which ranks among the world's top 100 in Times Higher Education World University Rankings 2022. He has managed and supervised a number of innovative and iconic capital projects at all. Let's read and know more about Daniel!

[Read More](#)

Upcoming Event Highlighted



CITAC Anniversary Conference on

Unlocking the Power of Data to Revolutionise the Construction Industry 2021

The Last year, Construction Innovation and Technology Application Centre (CITAC) organised an Anniversary Conference on Construction Digitalisation. The conference covered the adoption of digital tools and digitised processes has demonstrated the possibilities to unlock valuable data that benefits the construction sector. This year, CITAC Anniversary Conference 2021 is therefore organized to have local and overseas expert share their knowledge and experience in big data mining and analytics and how these tools can unlock the game-changing benefits to solve industry problems and provide critical insights for construction activities.

[Register Now](#)

News Updates

The Tung Chung New Town Extension Project

In the third episode of our exclusive Smart Construction Site Series interview, we are glad to have the Civil Engineering and Development Department's project team of Tung Chung New Town Extension Project to share with us how they adopt new technologies to digitize construction work to enhance operation efficiency and site management for promoting the development of smart site in Hong Kong, including using the Collision Prevention Monitoring System for Vessels, the Intelligent Vessel Intruder Warning System, Mixed Reality technology, Dump trucks GPS and Monitor System and the Tile Sensors and Artificial Intelligence (AI) cameras for dump trucks. Innovative technology make the construction site safer, integrates site management and construction, as well as reduces the management costs. Watch now!



陳志軒先生
利基三星聯營助理工程經理
和幫助工程團隊更切實地考慮施工上的方案
and assist the project team in realising the construction methods,

[Find Out More](#)



"Why should we use Building Information Modelling (BIM) instead of Computer-Aided Drafting (CAD) software to generate project drawings?"

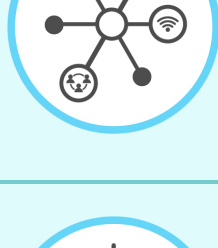
BIM has been adopted by the industry for many years in Hong Kong and overseas. It is a process of generating and managing building data during the building or built asset lifecycle. It provides data for many applications such as facilitating project management, better construction process control, cross-disciplinary collaboration, communication with external stakeholders, decision making and risk management.

[Find Out More](#)

All i-Club individual members can now replay the event's recording online. Staff of i-Club organisation members are encouraged to register as i-Club individual members to enjoy this benefit.

[Watch Replay](#)

Top Stories



INTERNET OF THINGS

ATAL's new centre use IoT and VR in training programmes

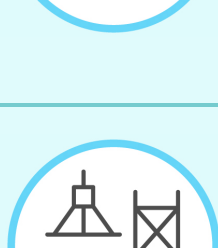
[FutureIoT 27 September 2021](#)



ADVANCED TECHNOLOGY SOLUTIONS

Trimble Connect Expands Capabilities with Support for Augmented Reality on Mobile Devices

[PR Newswire 26 October 2021](#)



ADVANCED EQUIPMENT/ ROBOTICS

Behind the Robot: HITT's Construction Site Monitoring Husky UGV

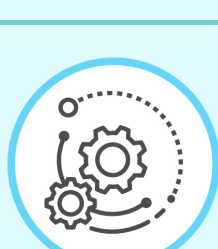
[Robotics Tomorrow 28 October 2021](#)



INDUSTRIALISED PROCESS

推動組裝合成法 陳家駒：年輕人更擅長

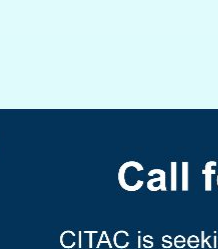
[ON.CC 31 October 2021](#)



ADVANCED MATERIALS

Recycled concrete and CO2 from the air are made into a new building material

[ScienceDaily 7 October 2021](#)



SMART LIFECYCLE MANAGEMENT

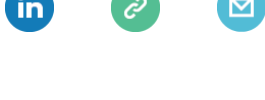
Digital Twins for the Construction Life Cycle Go Beyond the Finished Project

[Engineering News-Record 7 October 2021](#)

Call for Contributions to i-Club Newsletter

CITAC is seeking your contributions to the i-Club newsletter. We invite you to submit a short story / article / announcement. Please send us your contribution here.

[Contribute](#)



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