



CEDD Innovation and Technology I&T Seminar 2021

Date 28 September 2021

Time 08:45 - 17:00

Arrangement:	Webinar
Language:	Cantonese (with support of presentation materials in English)
Fee:	Free of charge
CPD Certificate:	An electronic copy of CPD attendance certificate will be issued to qualified participants after the Seminar

CEDD has been implementing a series of innovation and technology initiatives to support projects of land development, marine facility management and slope safety management as part of the "Construction 2.0" campaign launched by the DEVB. In many of the initiatives, CEDD steers the University-Government-Industry collaborations for making improvements to achieve greater productivity, better works quality, safer working environment and higher sustainability in the project delivery.

CEDD I&T seminar aims to provide practitioners in the construction industry of the latest information pertinent to CEDD's I&T adoption as well as an opportunity for stakeholders to exchange ideas and explore further technical collaborations. All industry stakeholders are welcome to join.

For enquiry: 3758 3430

 土木工程拓展署
Civil Engineering and
Development Department

Registration
QR Code



Programme Rundown

Time	Topic / Theme	Speaker
8:45 - 9:00	Registration	
9:00 - 9:10	Opening Address	Ir S H Lam, GBS, JP PS(W), DEVB
9:10 - 9:25	Photo Taking Session	
Morning Session (Facilitator: Ir W K Pun)		
Section 1 – Innovative Ideas		
9:25 - 9:45	AI and Robotics for Slope Safety	Ir Frankie Lo, CEDD; Ir Dr Vickie Kong, CEDD
9:45 - 10:05	Eco-shoreline for Sustainable Coastal Development	Ir Alvin Poon, CEDD; Prof Kenneth Leung, CityU
10:05 - 10:25	Development and Conservation of Lok Ma Chau Loop	Ir Carl Ng, CEDD
10:25 - 10:45	Q&A Session	
10:45 - 10:55	Break	
Section 2 - Smart Site Management		
10:55 - 11:15	Centralised Management Platform for First Phase Works at Kwu Tung North and Fanling North New Development Area	Ir Mike Cho, CEDD; Ir C Y Chan, CEDD
11:15 - 11:35	Application of Innovative Technology for Monitoring of Construction Work in Trunk Road T2	Ir Tommy Wong, CEDD
11:35 - 11:55	InnoTCE – Digitalising Tung Chung East into a Smart Construction Site	Ir Henry Cheung, CEDD
11:55 - 12:15	Q&A Session	
Lunch Break		
Afternoon Session (Facilitator: Ir Aaron Bok)		
Section 3 – Novel Construction Materials and Technologies		
14:00 - 14:25	Effective Use of High Strength S690 Steels in Construction	Ir Prof K F Chung, PolyU
14:25 - 14:50	3D Concrete Printing in Hong Kong: The Future of Construction	Ir Dr Eva Chan, NAMI
14:50 - 15:15	Infrastructure Applications of Fibre-Reinforced Polymer Composites	Prof T Yu, PolyU
15:15 - 15:35	Q&A Session	
15:35 - 15:45	Break	
Section 4 – Smart Asset Management		
15:45 - 16:10	Smart Technology and Asset Management for Marine Infrastructure	Ir Alan Tang, CEDD Ir W H Cheung, CEDD
16:10 - 16:35	BIM Horizontal Harmonization for BIM/GIS Integration	Ir Kaberlina Ho, CEDD; Ms Can Leung, AECOM
16:35 - 16:55	Q&A Session	
16:55 - 17:00	Closing Address	Ir Ricky Lau, JP DCED, CEDD