

SGBC EVENT

SGBC Learning Journey:

5G Advanced & AIoT for Built Environment Transformation

Thursday, 22 October 2026 | 2:30PM to 5:30PM | In-Person Event



Powered by SGBC Founding Member Singapore Polytechnic (SP), the **5G Advanced & AIoT & Built Environment Transformation Learning Journey** is designed to showcase how advanced digital technologies and national transformation initiatives can accelerate innovation and value creation in the Built Environment sector.

The session will feature the 5G Advanced & AIoT technology learning segment, supported by the Infocomm Media Development Authority (IMDA) and conducted at the SP 5G & AIoT Centre. Participants will be introduced to enterprise grade 5G fundamentals before exploring how 5G integrates with AIoT frameworks to enable intelligent, connected solutions. Through live demonstrations and real world use cases in smart construction, buildings, and facilities management, participants gain practical insights into how 5G enabled AIoT solutions can enhance productivity, safety and operational efficiency.

Building on this technology foundation, the programme will conclude with a focused Built Environment Transformation learning segment supported by the Building and Construction Authority (BCA). This segment contextualises the demonstrated technologies within the national Built Environment Industry Transformation Map (ITM), highlighting key transformation thrusts in Integrated Planning & Design (IPD), Advanced Manufacturing & Automation (AMA), and Sustainable Urban Systems (SUS). Participants will be exposed to ITM-aligned showcases and examples that illustrate how these transformation areas unlock business value across design, construction and facilities management.

Together, this learning journey provides participants with both hands on exposure to enabling technologies and strategic understanding of sector wide transformation, equipping them to take informed next steps in their digital and sustainability journeys.

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Trainer Information



Tan Chee Seng

Centre Director, 5G & AIoT Centre

Deputy Director, School of Electrical & Electronic Engineering



Dennis C S Goh

Centre Director, Digital Building Innovation Centre (DBIC)

Singapore Polytechnic (SP)

Deputy Director, School of Architecture
& the Built Environment

Singapore Polytechnic (SP)

Event Details

Thursday, 22 October 2026

2:30PM - 5:30PM

5G & AIoT Centre

T1433, Singapore Polytechnic (SP)

500 Dover Road, S139651

Event Fees (w/ GST)

SGBC Member: \$20

GMP (GMA, GMAP, GMAAP): \$20

CPD Information

SGBC-GMP: 3 Points



Limited Seats Available

REGISTER HERE

PROGRAMME DOCUMENT

SGBC Learning Journey Education Partner



IMPORTANT NOTE

As the event's details and other pertinent information will be sent directly to the participant via email, please ensure that the email address used for registration is valid and active. If you are registering on behalf of a participant, please use their name and contact details for registration. For multiple participants from the same organisation, please register each participant individually. SGBC reserves the right to amend the Event Programme without prior notice. SGBC reserves the right to allocate registrations to

ensure a well-balanced representation of professions at each event for the best learning outcomes. Professional CPD points will only be awarded after verification of in-person attendance. Full payment must be received at least three days before the event.



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