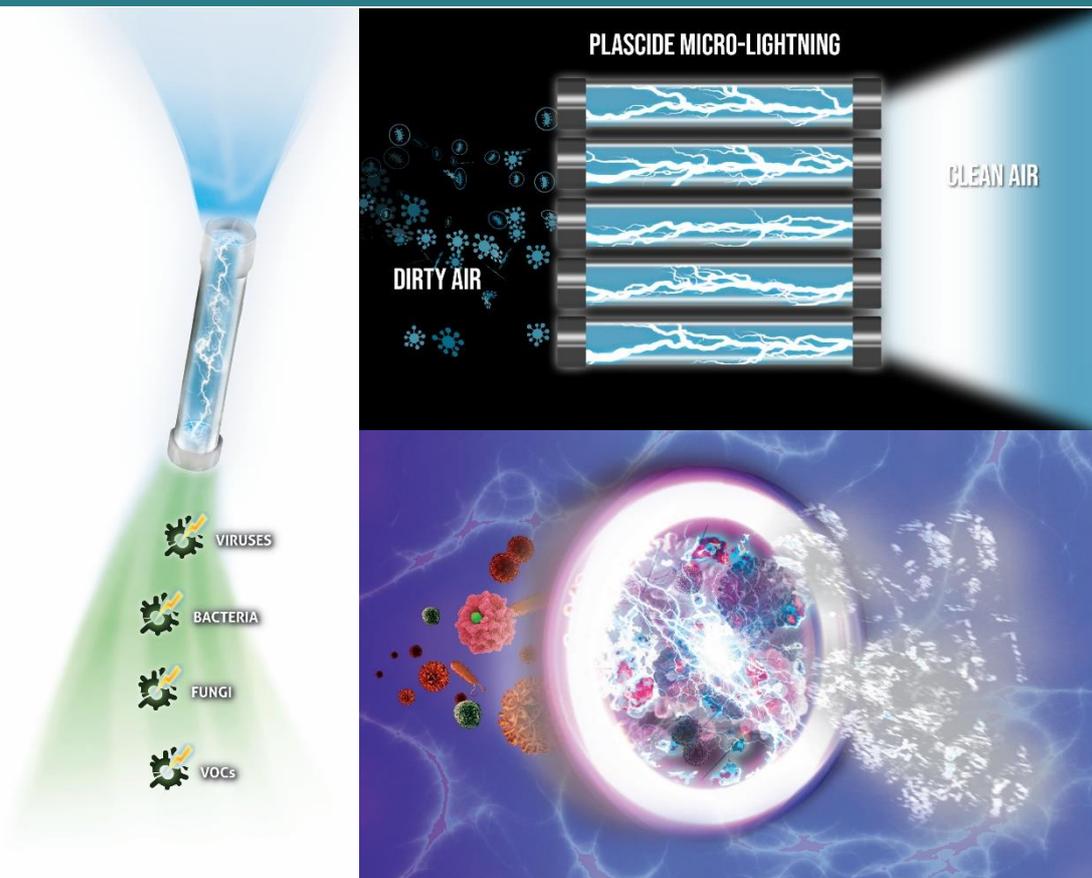


CPD Training –

## [Webinar] Technical Seminar on Latest Indoor Air Quality Requirements and Air Purification Technologies in Hong Kong



*Image courtesy: Hygeatec Company Limited*

### Introduction

Good indoor air quality ('IAQ') is very essential for a green building especially during the COVID-19 pandemic. Airborne transmission of SARS-CoV-2 is one of the possible infection pathways and would be highly contagious indoor especially in buildings with inadequate or inappropriate ventilation systems. To minimize the impact of this pandemic, it is necessary to continue in monitoring the IAQ and researching effective air purification technologies. The HKEPD IAQ Certification Scheme for Offices and Public Place ('IAQ Certification Scheme') with new objectives and parameter is launched in 2019 and **BEAM Plus** also places emphasis on requirements on IAQ during building assessments.

Plascide technology is one of the effective air purification technologies which able to kill the germs and remove air pollutants within a second. This seminar aims to share the latest IAQ requirements, development and application of air purification technologies in Hong Kong.

Dr Veronica Chan, a microbiologist and an IAQ professional, will highlight the latest requirements in IAQ Certification Scheme and **BEAM Plus** and share the best practices for managing the IAQ and mould growth. Ir Prof Herman Tsui, a nuclear engineer and an inventor, will share how he compacts the nuclear power to a patented and awarded Plascide technology for air and surface sanitization.

## Rundown

- |               |   |
|---------------|---|
| 3:00 – 4:00pm | <b>Latest IAQ requirements in Hong Kong and Best Practice for IAQ and Mould Management</b><br>by Dr Veronica Chan |
| 4:00 – 5:00pm | <b>Applications of Plascide Technology for Air and Surface Sanitization</b> by Ir Prof Herman Tsui                |

## Speakers

### **Ir Prof Herman Tsui** **CEO – A-oneTech Limited** **BSc, PhD, CEng, MIET, FEI, FHKIE**

Ir Prof Herman Tsui is a nuclear engineer and worked on R&D of fusion energy research at Culham laboratory, UKAEA and Fusion Research Centre, USA. Since SARS outbreak in 2003, he is the CEO of A-oneTech Limited and specializes in industrial application of plasma technology and has successfully applied to air and surface sanitization. He is the inventor of a number of patents on plasma technology and received a number of innovation awards.

He is also an Adjunct Associate Professor at the Hong Kong University of Science and Technology. He was the Chairman of the Nuclear Division and the Information Technology Division of Hong Kong, HKIE, and the Chairman of the Energy Institute (Hong Kong Branch). He was a member of the Standing Review Committee for Qualifications Assessment of the Hong Kong Council for Accreditation of Academic and Vocational Qualifications (HKCAAVQ). He also serves the accreditation panels for HKIE and HKCAAVQ.

### **Dr Veronica Chan** **Research Fellow – Hygeatec Company Limited** **Bsc(Hons), MPhil, PhD, MASHRAE, MEMAHK, BEAM Pro**

Dr Veronica Chan is a microbiologist and IAQ professional and is currently the Research Fellow at Hygeatec Company Limited and responsible for developing the Plascide technology and products. She has over 18 years of experience in environmental-related research, consultancy, and training at various levels ranging from primary to postgraduate levels. Her expertise and research interests include

monitoring and disinfection of the bioaerosols, health risk assessment, investigation, and modelling of the indoor air quality ('IAQ') pollutants.

She has published 41 papers on peer-reviewed international journals and at conferences, contributed as an international journal reviewer, and participated in more than 100 IAQ certification and consultancy projects. Before joining Hygeatec, she worked at Business Environment Council, City University of Hong Kong, the Hong Kong Polytechnic University, the Hong Kong Community College, the Hong Kong Institute of Vocational Education and as a voluntary instructor to develop and deliver an environment course under Capacity Building Mileage Programme from 2015 to 2018.

<b>Date</b>	16 April 2021 (Friday)
<b>Time</b>	3:00pm – 5:00pm, including Q&A session Registration starts at 2:45pm
<b>Training Format</b>	Webinar
<b>Language</b>	English supplemented by Cantonese
<b>Fee</b>	HK\$100 (BEAM Pro, BEAM Affiliate, Associate / Ordinary Members of BSL)  HK\$200 (Members of Supporting Organisation)  HK\$300 (Standard)
<b>CPD Entitlement</b>	<b>2 CPD hours for BEAM Pro and BEAM Affiliate</b> The CPD hours will be automatically uploaded to attendees' BEAM Pro/ BEAM Affiliate Individual Account; Certificate of Completion will be issued via email within 1 month after course completion.
<b>Registration</b>	<div data-bbox="616 1588 976 1680" style="text-align: center;"></div> Confirmation will be issued to successful registrants via email. For new users, please create an account on <a href="#">OTP</a> prior to course registration. <b>Registration Deadline: 14 April 2021</b>
<b>Enquiry</b>	Email: <a href="mailto:beampro.training@beamsociety.org.hk">beampro.training@beamsociety.org.hk</a> Tel: (852) 3610 5719

## Supporting Organisations



## Terms & Conditions:

1. BSL reserves the right to cancel, postpone or reschedule an event due to unforeseen circumstances e.g. insufficient enrolment.
2. Course fee is non-refundable and non-transferrable except the course is subject to cancellation, postponement or rescheduling. Should a refund or course transferral be appropriate, participants will be informed of the arrangement in due course.
3. An official receipt (if applicable) and a certificate of attendance will be sent to attendees in around one month upon course completion.