

Seminar on Healthcare Engineering Systems Of Day Procedure Centres

Profile of Speakers

Programme on 29 November 2019

Presentation Topic: Regulation of day procedure centres under the Private Healthcare Facilities Ordinance

Dr Darwin MAK

Principle Medical and Health Officer
(Private Healthcare Facilities)¹
Department of Health



Speaker's Profile

Dr Darwin MAK is the Principal Medical and Health Officer of the Department of Health. He heads the Licensing Division of the Office for Regulation of Private Healthcare Facilities and is responsible for the licensing and monitoring of private healthcare facilities including private hospitals in Hong Kong under existing legislation. He has also involved in the legislative review of the regulation of private healthcare facilities and standard setting for day procedure centres.

Dr MAK received medical education and postgraduate education in public health at the University of Hong Kong. He is a specialist in Public Health Medicine, a fellow of the Hong Kong Academy of Medicine, and a fellow of the Hong Kong College of Community Medicine. He served as the Chairman of the Hong Kong Society of Community Medicine in 2013-2015.

Presentation Topic: Guidelines on healthcare engineering systems of day procedure centres

Ir Vincent YUEN

Senior Engineer (Private Healthcare Facilities)
Department of Health



Speaker's Profile

Ir Vincent Yuen is the Senior Engineer of the Office for Regulation of Private Healthcare Facilities, Department of Health (DH). He leads the Healthcare Engineering Unit, overseeing the registration requirements in respect of electrical and mechanical systems of private healthcare facilities.

Ir Yuen graduated from the University of Hong Kong with a Bachelor of Science (Engineering). He also obtained a Master of Engineering Science and a Master of Science in Engineering Management from the University of New South Wales and the City University of Hong Kong respectively. Having worked in the electricity supply industry for over ten years, Ir Yuen joined the Electrical and Mechanical Services Department (EMSD) in 1998 as an electrical and mechanical engineer. He served in various positions with the EMSD responsible for providing project management services, enforcement of the electricity legislation and providing engineering services for the public health sector until he took up his current post with the DH in 2016.

Ir Alvin LEE

Engineer (Private Healthcare Facilities)
Department of Health



Speaker's Profile

Ir Alvin LEE is an electrical and mechanical engineer of the Office for Regulation of Private Healthcare Facilities, Department of Health (DH). He has extensive knowledge in hospital engineering design, installation, testing, commissioning, operation and maintenance.

Ir LEE is the member of Hong Kong Institution of Engineers, Institution of

Mechanical Engineers, Chartered Institution of Building Services Engineers and Chartered Institution of Arbitrators. He delivered various talks for the topics of healthcare engineering systems and construction safety for The University of Hong Kong – Shenzhen Hospital, Occupational Safety & Health Council, Vocational Training Council, and is also a professional review assessor for the Chartered Institution of Building Services Engineers.

Presentation Topic: Assessment of facility provisions for day procedure centres in commercial buildings

Sr YEUNG Po-tin

Senior Project Manager

Office for Regulation of Private Healthcare Facilities

Department of Health



Speaker's Profile

Sr YEUNG Po-tin is a professional building surveyor with substantial experience in project management and facility management of healthcare facilities. He had been a project manager involved in various public hospital capital projects and then served as a facility manager for a cluster of public hospitals and clinics in Hong Kong for almost two decades in total.

Sr YEUNG is working as Senior Project Manager in the Office for Regulation of Private Healthcare Facilities of the Department of Health and he is primarily responsible for monitoring the implementation of private hospital development project, examining built facilities of existing private healthcare institutions and providing advice on planning of improvement works for DH's clinical facilities.

Presentation Topic: Ventilation and infection control in healthcare facilities

Dr. Benny CHOW

Group Leader of Ventilation and Health
Technical Working Group (2019-)
ASHRAE Hong Kong Chapter



Speaker's Profile

Dr. Benny Chow is the Director of Sustainability at Aedas Ltd, focusing on the sustainable building design, building physics, Green-BIM and healthy building research for the Asia Pacific Region. Dr. Chow is now appointed as the Member of the Board of Directors, Chairman of the Industry Standards and Practices Committee (ISPC), the Hong Kong Green Building Council (HKGBC), and the Director of BEAM Society Limited. He is also the committee member of the USGBC LEED Data Centers Advisory (China) Committee, Chinese Society for Urban Studies China Green Building Committee, and the Chairman of the Mainland Relations Committee, the Group Leader of the Ventilation & Health Technical Working Group and the Sustainability Committee of the ASHRAE Hong Kong Chapter.

Besides, Dr. Chow was appointed as an Honorary Associate Professor in the HKU Department of Mechanical Engineering, the Adjunct Associate Professor of the CUHK Institute of the Earth and Space Information Science and is currently the Adjunct Assistant Professor of the Faculty of Medicine at CUHK focusing on health-related built environment research. Dr. Chow brings with him more than 24 years of experience in Sustainable Design and involved in more than 400 projects located in more than 40 cities.

Presentation Topic: Experience sharing on specialized ventilation systems of day procedure centres

Mr. HAR Man-fai, Harry

Chief Estate Manager

Union Hospital



Speaker's Profile

Mr Har served Royal Navy as a marine engineering officer for eleven years then joined Union Hospital since 1997, he was well developed his professional skills in engineering management in that time. Service areas include project management and multitask for electrical & mechanical engineering and biomedical engineering. In U.H., Mr Har majored in the chair of Fire Safety Committee, Medical Devices Committee, and the Chief OSH Ambassador.

From 2001 to 2019, he acquired The International Register of Certificated Auditors, Higher Diploma in Building Services Engineering from Vocational Training Council, Higher Certificate in Occupational Safety and Health from City University of Hong Kong, Health Technical Memorandum (HTM02:01)'s accredited worker, and Registered Safety Officer, Certificate of Training (HTM02:01 Authorized Person (MGPS)), BSc (Hons) in Occupational Safety, Health & Environment

Presentation Topic: Electrical installations for day procedure centres

Ir LEE Chi-Leung, Eric
Acting Chief Engineer
Health Sector Division
Electrical and Mechanical Services Department



Speaker Profile:

Ir LEE joined the Electrical and Mechanical Services Department (EMSD) of the Government of the Hong Kong Special Administrative Region in year 1998 and has extensive working experience in a variety of different domains including operation, maintenance, and project services on E&M systems in the airport and government buildings. Ir LEE also worked in the Electricity Legislation Division of the EMSD responsible for the enforcement of the Electricity Ordinance (Cap. 406) and its subsidiary legislations.

Ir LEE is currently working as Acting Chief Electrical and Mechanical Engineer in the Health Sector Division of EMSD providing comprehensive engineering services for the electrical, mechanical, air-conditioning and building services (EMABS) systems and biomedical and general electronics systems for hospitals and clinics of the Hospital Authority and the Department of Health.