

「創新科技嘉年華 2014」醫學工程研討會

Biomedical Engineering Seminar at InnoCarnival 2014



機電工程署總工程師/衛生工程潘國英先生就醫學工程的創新成果及應用作出專題演講。

Mr. Raymond Poon, Chief Engineer/Health Sector of EMSD, spoke on engineering excellence for medical technology innovation and application.

InnoCarnival is an annual programme that aims to enable members of the public to experience for themselves the convenience and fun innovation and technology brought to their daily lives. Mr. Raymond Poon, Chief Engineer/Health Sector, was invited to deliver a speech at InnoCarnival 2014 on the topic "Engineering Excellence for Medical Technology Innovation and Application" on 8 November 2014.

Mr. Poon demonstrated to audience the seamless integration of engineering know-how and medical applications, and the revolution brought on by cutting-edge medical technologies to therapy, diagnosis and other aspects of medicine. He introduced the application of physical phenomena in medical devices and illustrated how the novel medical technologies such as 3D printing, tele-medicine and bionics etc. could improve our quality of living. Mr. Poon also briefed the audience on the work and prospects of a professional biomedical engineer.

The audience responded enthusiastically to his talk with many enquiries at the Q&A session. They expressed that they gained more insights into the engineering contribution in healthcare services, as well as the advances in medical technologies and the biomedical engineering industry in Hong Kong.

「創新科技嘉年華」是年度大型活動，主旨是讓市民能親身體驗創新科技對人類生活所帶來的方便與樂趣。總工程師／衛生工程潘國英先生獲邀在11月8日的「創新科技嘉年華2014」活動中，就「醫學工程的創新成果及應用」作出專題演講。



潘先生向出席者展示工程技術與醫學應用的無縫結合，並介紹尖端醫療技術如何為治療、診斷及其他醫學範疇帶來革命性的發展。除扼要剖析物理現象在醫療儀器上的應用外，潘先生亦闡述了三維打印技術、遙距生理監控及仿生技術等嶄新醫療科技如何改善我們的生活質素。此外，潘先生並向出席者簡介了生物醫學工程師的工作範疇與職業前景。

研討會的出席者反應熱烈，在答問環節中踴躍提問。他們表示從這次研討會得到不少啟發，不但對工程技術如何惠及醫療行業有更深了解，對醫療科技及香港生物醫學工程行業的發展，亦提高了認識。



總工程師／衛生工程潘國英先生（左三）與本署的生物醫學工程師陸漢傑先生（左一）、梁令行先生（左二）及蕭曉暉先生（右一）在「創新科技嘉年華2014」中為香港工程師學會生物醫學分部架設展覽攤位後合照。

Mr. Raymond Poon (3rd from left) with EMSD biomedical engineers, Mr. Alex Luk (1st from left), Mr. Will Leung (2nd from left) and Mr. Stanley Siu (1st from right) after setting up the exhibition booth of Biomedical Division, Hong Kong Institution of Engineers, at InnoCarnival 2014.

