

# Innovation Inspiration 啟發創新思維



Students learn how the evolution of technology shapes the working environment and provides a range of career opportunities  
學生了解到科技發展如何塑造工作環境，提供廣泛的事業發展機會

**Technology never stops evolving, and businesses need to keep on their toes to stay ahead of the competition. Students from Yew Chung International School learned how Siemens has been constantly innovating throughout its 173-year history, and the impact of innovation on the workplace and career development, at a webinar on 24 March on the theme of "Technology to Transform the Everyday."**

Jennifer Chan, Communications Assistant at Siemens Hong Kong and Macao, introduced the company's history, including some of its major inventions and milestones. In the 19<sup>th</sup> century, the German company's innovations included long-distance telegraphs, electricity and electrical devices. Today, various megatrends are shaping our world, Chan explained,

for example globalization, urbanization and digitalization. Technology has infiltrated every aspect of our lives, and has a role to play in all these trends.

Such technology evolution means that requirements in the workplace have changed, which has been especially notable amid the Covid-19 pandemic. Ricky Leung, Digital Business Development Manager, Smart Infrastructure, explained how Internet of Things (IoT) solutions can create a resilient workplace amid the current challenges, and help businesses move towards the new normal.

Leung said that the hybrid work model was becoming more common, where some employees work remotely while others work in the office. Technology facilitates communication and interactions among co-workers. For example, staff can easily locate where a

certain colleague is in the office. At the same time, IoT can also cater for the sanitation needs and lighting in workplaces, such as allowing real-time location monitoring with motion-detecting ceiling sensors. This can provide data to make better use of office spaces and help maintain social distancing.

Then Keith Wong, Head of Digital Business, Smart Infrastructure, shared with students how engineers make an important contribution to society and the role of engineering in the digital era.

Wong stressed that it is very important for engineers to understand their technology and their customers. As problem solvers, engineers need to know "what is going on, and what is going wrong." They can then integrate different approaches to tailor a total solution to tackle the problem and meet their client's needs.

隨着科技不斷進步，企業要時刻緊貼最新發展及做好準備，方可在競爭中保持領先。在3月24日的「科技改造日常」網上研討會，耀中國際學校的學生了解西門子在過去173年來如何持續創新，以及創新成果對職場和事業發展的影響。

西門子香港及澳門傳訊助理陳穎瑤介紹該公司的歷史，包括重大發明和里程碑。來自德國的西門子在19世紀開發了多項創新技術，例如長途電報、電力和電子設備。陳穎瑤解釋，全球化、城市化和數碼化等大趨勢正在塑造新世界。科技在日常生活中無處不在，對這些趨勢起着重要作用。

科技進步令職場的需求產生變化，在新冠病毒疫情下尤其顯著。智能基礎設施數字業務拓展經理梁志文解釋，面對當前的挑戰，物聯網方案有助企業建立靈活應變的工作環境，適應疫後新常態。

梁志文指出，混合工作模式日漸普及。在此模式下，部分僱員遙距工作，其他員工則在辦公室上班，而科技便可促進同事之間的溝通互動，例如員工可輕易得知某位同事在辦公室的位置。與此同時，物聯網可配合辦公室的衛生和照明需要，例如在天花板安裝動作感應器，進行實時位置追蹤。這些設備提供的數

據有助善用辦公室空間和保持社交距離。

其後，智能基礎設施數字業務主管黃梓銘分享工程師對社會的重要貢獻，以及工程在數碼時代扮演的角色。

黃梓銘強調，工程師除了具備技術知識，也要了解客戶的需要。作為解難人員，工程師需理解當前狀況及問題所在，再結合不同方式，度身訂做綜合解決方案，從而滿足客戶的需要。