

31 May 2016

BSE Seminar: Research and Development of Perovskite Solar Cells for Industrialization
on 23 May 2016

The Department of Building Services Engineering (BSE) of The Hong Kong Polytechnic University (PolyU) organized a CPD seminar on 23 May 2016. Dr. FAN Bin was invited to speak on “Research and Development of Perovskite Solar Cells for Industrialization”. This seminar had attracted over 70 current students and professionals in the industry who had interests in solar energy areas.

First of all, Dr. FAN was welcomed and introduced by BSE Professor YANG Hongxing. Professor YANG gave a welcome speech and expressed thanks to Dr. FAN on his presentation.



Professor YANG presenting souvenir to Dr. FAN



Welcome and introduction by Prof. YANG



Dr. FAN sharing his experience to participants

Thereafter, Dr. FAN started to introduce his presentation on the Perovskite photovoltaic. Perovskite photovoltaic is one of the most promising technology for high-efficiency and low-cost solar-electricity generation. Dr. FAN has been working on perovskite solar cells since his PhD study in 2013. He has set up a pilot production line for perovskite solar modules of 45 cm by 65 cm and the solar module efficiency of around 10% has been achieved, which is the world champion efficiency for the perovskite solar modules with an area of above 10 cm². Dr. FAN introduced his experience in research and development of this new type of solar cell and shared his achievements in the industrialization of the technology in China.



Students and professionals attending the seminar

Towards the end, the participants took the opportunity to raise meaningful questions during the Q&A session and provoke further discussions.