

## **Technical Visit to M+ Museum**

*Miss. Sibyl CHUN*

The M+ museum is a new museum for visual art in Hong Kong. As a cornerstone of West Kowloon Cultural District, it will encompass 20<sup>th</sup> and 21<sup>st</sup> century visual art, design, architecture and moving image from Hong Kong, the Mainland, Asia and beyond. On 24 June 2017, the HKIE-YMC held a technical visit to have a closer look at the construction stage of this forward-looking building. Around 20 young engineers from different disciplines participated and were warmly greeted by Ir Robert W. Wann, Principal Resident Engineer from Atkins.

The visit first started with an introduction of the project background. It covered a wide range of aspects including management structure, site location, architectural and structural design component, etc. Members were interested in the unique features of the project – special tiles façade and the challenge from existing railway underlying the museum. There was overwhelming response in the Q&A session. The discussion helped our members to gain a much deeper insight in the technical and construction aspects of M+ museum.

After the introduction, we were led to the trial units near the sea shore, where structural features are being assembled. The structural features included special tiles façade, wood grain fair-faced concrete, stair case, E&M system, etc. By the trials, engineers would be able to foresee the challenges in real operation and prepare for that. In addition, the trials ensured the quality of structural unit can meet the standard. Furthermore, it was a good opportunity for workers to practice the workmanship before applying to the structure. After the visit to trial units, we went ahead to the main building construction site. We had a closer look to the mega truss falsework that transfer loading away from the existing railway underneath.

To conclude, we had a fruitful visit in the M+ Museum. We would like to express our sincerely thanks to Atkins for their effort in offering us this amazing learning experience.



Group photo taken at rooftop of site building