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## Young Fellows Evening Talks

*Presented by Kevin Lo and Kristy Lo*

- Date:** 6 November 2019 (Wednesday)  
**Time:** 18:30 to 20:00 (The sharing session starts at 19:00)  
**Venue:** Leighton Room, Craigengower Cricket Club, Happy Valley  
**Fee:** Free of Charge

All welcome and registration not required. Any enquiry, please contact Dennis Wong at [dennis-hy.wong@arup.com](mailto:dennis-hy.wong@arup.com) or Trudy Kwong at [tkwong@bmintelligence.com](mailto:tkwong@bmintelligence.com).

### **Synopsis:**

To further involve our young generation in the profession, the Young Fellows Group of the HKRG is organising a series of Evening Talks by our Young Fellows. This provides a platform for early-career geologists to socialise, share their experience and discuss various geological issue and network with the other geologists. For this session, we are delighted to have Kevin Lo and Kristy Lo to talk about “Hong Kong’s Geologists and Where to Find Them” and “Fracture Modelling and the Search for Geothermal Energy”.

### ***“Hong Kong’s Geologists and Where to Find Them” by Kevin Lo***

“Hong Kong was once a bulk of granite untouched by a chisel”. Geologists have been playing a critical role in turning our Hong Kong from a fishing port to the “Pearl of the East” over the past decades and centuries. Kevin Lo will discuss the origins of geologists in Hong Kong and their roles in the civil engineering industry. The contributions made by geologists in recent mega-scale project(s) will also be highlighted.

### ***“Fracture Modelling and the Search for Geothermal Energy” by Kristy Lo***

Geothermal energy has been considered as one of the possible solutions to the environmental crisis. It is clean, renewable, and yet complicated. What are the roles of geologists in the search for geothermal energy? How do we maximize our knowledge about the subsurface? Kristy Lo will share her experience of working in a geothermal energy project in Geneva, Switzerland. Her research on fracture modelling in the Geneva Basin will also be highlighted.



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### About the Speakers:

Kevin Lo obtained his BSc in Geology at the University of Hong Kong in 2016 and worked in an engineering consultancy for a year. He then joined the Geotechnical Engineering Office (GEO) as an Engineering Geology Graduate in 2017. Under the GEO's training programme, he acquired considerable experience in geological surveying, engineering geology and ground investigation. Currently, he is seconded to AECOM Engineer's Site Office under CEDD Contract NE/2015/01 (Tseung Kwan O – Lam Tin Tunnel) to gain experience in construction site supervision of various geotechnical works.

Kristy Lo obtained her BSc in Earth System Science at The Chinese University of Hong Kong in 2016 and MSc in Geology at the University of Geneva in 2019. During her master's studies, she worked on the discrete fracture modelling in the Geneva Basin and contributed to *GEothermie 2020*, a geothermal energy programme in Geneva. Recently, she joined Ove Arup & Partners Hong Kong Ltd as a Graduate Geologist in the Engineering Geology team.

