

EME International Seminar Series



“Connect the dots” – a few lessons from my journey (still in the middle)

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Abstract:

Engineering career has been quite diverse in terms of industrial sectors, people to work with and countries to work in. Today's engineering students are therefore expected to develop not only technical knowledge but also leadership with a global perspective and communication skills. Immersing yourself in a new culture/environment e.g. study abroad and being involved in world-class research e.g. master/PhD projects help you prepare for this. Although it may seem challenging, there are various options and opportunities for students, and the university and professors are willing to support. This seminar aims to broaden career perspectives and encourage students to be open to opportunities. I will share my career experiences as an academic who has happened to be involved in an international workplace.

Bio:

Dr. Yutaku Kita is a Lecturer in Engineering at King's College London. His research is centred in multiphase flows, interfacial phenomena, wetting and phase change heat transfer i.e. boiling, evaporation and condensation. He is passionate in experiments and develops optical techniques coupled with image processing to capture flows and heat transfer at various time and spatial scales. He is particularly interested in fundamental problems arising from current / future industrial applications such as spray cooling in steelmaking and microelectronics / data centres, condensers in power generation, and microfluidics for bioassay.

Dr. Kita studied Mechanical Engineering at National Institute of Technology (KOSEN), Miyakonojo College (BEng) and Kyushu University (MEng & PhD), both in Japan. He was also a visiting PhD student at the University of Maryland, College Park and the University of Edinburgh. Prior to joining King's in January 2023, he was an Assistant Professor at Kyushu University, Japan (2019-2022).

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Online (Microsoft Teams, Team code: z2y60pz)