

## **Title: Technical Seminar on Racing Aerodynamics**

### **Date, Time & Place**

7 October 2016 (Friday)

7:00pm – 8:30pm

James Chiu and Dragages Room,  
9/F, HKIE Headquarters

### **Programme Highlights**

The speaker will share interesting insights into the rich and color world of racing aerodynamics and how racing car performance is influenced by aerodynamics. The speaker is an internationally recognized expert in aircraft and racing car aerodynamics. He was formerly Airbus Professor of Aircraft Engineering. He has collaborated with Formula 1 racing car industry (including major teams such as Honda Racing, Tyrrell, BAR, Jaguar, etc.), graduated many PhD students. This area of research formed the University of Southampton submission and award of 2012 Queen's Prize in performance sport and engineering excellence.

### **Speaker**

Prof. Xin ZHANG

Prof. Xin ZHANG is the Chair Professor of Mechanical and Aerospace Engineering and Swire Professor of Aerospace Engineering at the Hong Kong University of Science and Technology.

Prof. ZHANG conducts research and lectures in aerodynamics and aeroacoustics, in particular aircraft aerodynamics and noise. He is an authority in the area of aircraft noise including both airframe and propulsive unit noise. He performed research in its understanding, developed novel and accurate numerical schemes for its prediction, devised methods for noise attenuation, and designed and constructed predictive codes based on physics for noise prediction which are being used by industry.

To date, Prof. Zhang has published over 200 papers including 95 archival papers.

### **Registration & Enquiries**

This number of participants is limited to 50 and applications will be accepted on a first-come-first-served basis. CPD certificates will be provided.

For registration, please complete and return the online registration form at <http://mc.hkie.org.hk/ReplyForm.aspx?id=263>

Please feel free to contact Miss Kahl Cheung via [kahlcheung@gmail.com](mailto:kahlcheung@gmail.com) for any questions on the seminar.

Successful applicants will be notified by email.