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

Have you ever wondered how racing cars and high performance cars achieve such high speeds while still staying on the road? What are the roles of different parts of car play in overall performance? What are the links between racing cars and aircraft?

Prof. Xin ZHANG, an expert in aircraft and car aerodynamics and aeroacoustics, will share some interesting facts and the complexity of Formula One car design and its aerodynamics. He will also share his insights on how aerodynamics comes into play in the study of aeronautics and how it is possible to measure the performance of a car or an airplane in a wind tunnel. Environmental and health impact of flying and the latest noise reduction methods and technology will be explored in the seminar as well.

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 for any questions on the seminar.

Successful applicants will be notified by email.