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## **Aerospace Engineering in China: Challenges and Opportunities**

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### **Abstract**

This talk will give a general talk on the rapid development of aerospace engineering in China, and outline the challenges and opportunities. The talk includes mainly three parts: i) overview of the aerospace industry in China; ii) outline the research structure and development in aerospace engineering in China, with a particular focus on Beihang University, and iii) brief the challenges and opportunities, which ranges from education to research needs, as well as the increasing need of international collaborations.

### Short CV of Professor Dongsheng Wen

Professor Dongsheng Wen is the Associate President International of Beijing University of Aeronautics and Astronautics (BUAA), and also acts as the Dean of College of Aeronautic Science and Engineering and Dean of International School of General Engineering. Professor Wen obtained his DPhil in Engineering Science from the University of Oxford, after his BEng in Aeronautics (1997) and MSc in Thermophysics (2000) from BUAA and Tsinghua University respectively. Prior to his current position in BUAA, he is a Chair Professor in the School of Chemical and Process Engineering at the University of Leeds, and had worked in various academic positions at the Queen Mary University of London.

Prof. Wen is a Fellow of Royal Society of Chemistry (FRSC), Energy Institute (FEI), and Institute of Nanotechnology (FION), a Chartered Engineer (CEng) and a Chartered Scientist (CSci). He has published over 150 papers in peer-reviewed journals, which is well received in the community (i.e. with total citation >4500, and current H-index-28). His research covers a wide spectrum of nanotechnology and engineering science, with a recent focus on engineering thermophysics related to aeronautics and astronautics.

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