

Zhuo Zhuang – Tsinghua University, China

Talk title	Thermal-fluid-solid multi-field coupled fracture theory and computation model
Biography	<p>Professor and former Dean, School of Aerospace Engineering, Tsinghua University, Beijing, China. Chief scientist of national fundamental scientific research of China. Ph.D, University College Dublin, Ireland, 1995; Honorary Doctorate Degree (EngD) of Swansea University, UK, 2017. Published more than 300 papers. Published 10 books in Chinese. Published 2 books in English by Elsevier, named: (1) Extended Finite Element Method; (2) Dislocation Mechanism-Based Crystal Plasticity, Theory and Computation at the Micron and Submicron Scale. The papers and books are cited more than 10,000 times. Given a Plenary Lecture at 9th Int. Conf. on Fracture & Strength of Solids in Jeju, Korea, 2013; Semi-Plenary Lecture at COMPSAFE2014 in Sendai, Japan, 2014; Plenary Lecture at Complas2015 in Barcelona, Spain, 2015; Semi-Plenary Lecture at WCCM2016 in Seoul, Korea, 2016; Plenary Lecture at Int. Conf. CM4P in Porto, Portugal, 2019; Plenary Lecture at Complas2019 in Barcelona, Spain, 2019.</p> <p>President of Chinese Association for Computational Mechanics (CACM); GC Member of IACM; President of Beijing Society of Mechanics; Committee Member of Beijing Association for Science and Technology, China.</p>