



**For Immediate Release**

## **Kings College London Professor Honored By ASME**



**NEW YORK, Feb. 16, 2021** – Jian Sheng Dai, Ph.D., CEng, a professor of engineering at Kings College London, has been named the 2020 recipient of the Machine Design Award from the American Society of Mechanical Engineers (ASME).

The award recognizes eminent achievement or distinguished service in the field of machine design, which is considered to include application, research, development, or teaching of machine design. ASME's Machine Design Division (now Design Engineering Division) established the award in 1958.

Dai is a pioneer in reconfigurable mechanisms and robots, and a leading scholar in advanced kinematics. He established the field of reconfigurable mechanisms and the sub-field of metamorphic mechanisms, a concept that bridges the gap between versatile but expensive robots, and efficient but non-flexible machines, with applications to health, home, and manufacture. He is an ASME Fellow, an IEEE Fellow, and a Fellow of the Royal Society of Arts, Manufactures, and Commerce.

Previously, Dai has received the 2019 AT Yang Memorial Award from ASME, the 2018 Crossley Award from the journal *Mechanism and Machine Theory*, the 2015 ASME Mechanisms and Robotics Award for his lifelong contribution, the 2013 Mechanisms Innovation Award, the 2012 ASME Outstanding Service Award, the 2010 Overall Supervisory Excellence Award from King's College London, and many best paper awards.

He has published over 500 peer-reviewed papers with over 10,000 citations, and ten authored books including a monograph, *Kinematic Approaches and Screw Algebra of Mechanisms and Robotics*. He is a founder of the ASME/IEEE International Conference on Reconfigurable Mechanisms and Robots (ReMAR) and subject editor and associate editor of several international journals.

Dai earned Bachelor of Science and Master of Science degrees in engineering from Shanghai Jiao Tong University in China and a doctoral degree in kinematics and robotics from University of Salford in England.

***About ASME***

*ASME helps the global engineering community develop solutions to real world challenges. Founded in 1880 as the American Society of Mechanical Engineers, ASME is a not-for-profit professional organization that enables collaboration, knowledge sharing and skill development across all engineering disciplines, while promoting the vital role of the engineer in society. ASME codes and standards, publications, conferences, continuing education, and professional development programs provide a foundation for advancing technical knowledge and a safer world. ASME recently formed the International Society of Interdisciplinary Engineers (ISIE) LLC, a new for-profit subsidiary to house business ventures that will bring new and innovative products, services, and technologies to the engineering community. For more information, visit [www.asme.org](http://www.asme.org).*

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