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Prof. Gangyin Tian, Beijing ZHZ technology CO., Ltd

Gangyin Tian is the CEO of Beijing ZHZ technology CO., Ltd, one of the China's leading UAV companys. He holds the Director of Unmanned-Flight Control Research institute, Beijing Institute of Technology, China. Tian has a considerable experience in flight control and algorithm and their applications in unmanned aerial vehicle. Tian received the Bachelor degrees in aircraft design from Beijing Institute of Technology, Beijing, China, in 2005. He was a core R&D engineer in Bejing BVE technology Co., Ltd before established his own company.

In the last decade, much of his effort has been spent in developing research in modern robust control algorithm and their applications in unmanned aircraft systems. When he was in university, as a core member of Aviation Association, he began to study and research modern robust control algorithms and attempted to use his research in UAV control and engine control. In 2007, he completed the research and development of unmanned helicopter autopilot based on Hinf algorithm and its application has been successfully make an unmanned helicopter automatically and independently takeoff, land, hover and conduct path planning.

Tian established a company in 2008, which he made considerable contributions in the commercialization of the unmanned helicopter autopilot. In 2010, he was responsible for the research and development of the 300-kilogram coaxial unmanned helicopter and has been successfully make it become autonomous drone in late 2010. This unmanned helicopter holds a number of invention patents, developed and applied in multiple industries. In 2013, he was in charge of 3 tons of unmanned helicopter research and development program. The flight time of this drone can be up to 30 hours, which is the longest fight time of an unmanned helicopter, currently.