

Name	Cui Jiankun
Position	Professor, Machine Element Design Shanghai-Hamburg College
Academic career	<p>1980.09 – 1984. 07 West China University, China Department of Automobile and Tractor Engineering , BS. In Automotive Engineering</p> <p>1987.09 – 1990.08 Chengdu University of Science and Technology, China Department of Mechanical Engineering MS. In Mechanical Design and Manufacture</p> <p>1990.09 – 1994.03 Chongqing University, China The National Key Laboratory of Mechanical Transmission Ph.D. In Machine Design Theory and Its Application</p> <p>1998.03 – 1999.02 The University of Illinois at Chicago, USA Department of Mechanical Engineering Research Visiting Scholar</p>
Employment	<p>1984.08 – 1987.08 As Engineer in Technical Department. The Sichuan Wagon Company, Chengdu, China. Participated in the developing program of new wagon products and spaceil vechile, Designing work of body and chassis parts, as well as supervised manufacturing process of automobile production line.</p> <p>1994.04 – Teaching in the College of Mechanical Engineering , USST. the Director of the machine design division form 2000. Also have worked as the leader of automobile engineering division and the laboratory of the fundamental mechanical engineering for a short time. Worked in Shanghai-Hamburg College from 2012.</p>
Research and development projects over the last 5 years	<ul style="list-style-type: none"> - The workspace analyses and its flexibility research the of the parallel manipulator . - Constitution and performance of the small tooth difference planetary gear drive between parallel shafts. - New gear tooth profile developing and the mesh process analysis in the high pressure internal gear pump.
Industrial collaborations over the last 5 years	<ul style="list-style-type: none"> - Design of special duty gear reducers of jet blower system used for the power plant boiler, Shanghai Clyde Bergman Machinery Co., Ltd - Dynamic analysis of the disc separator and design of centrifugal machines. Shanghai Hangfa Machinery Co., Ltd - Research and development of passive multi - joint surgery assisted mechanical arm. The Second Military Medical University of China. -
Patents and proprietary rights	<ul style="list-style-type: none"> - CNC tool grinder work piece centre support frame. ZL 201110399780 - A Tension- torsion combined fatigue test device. CN201410150220.2
Important publications over the last 5 years	<ul style="list-style-type: none"> - Cui Jiankun. Small Tooth Number Difference Planetary Gear Drive with Crank and Oscillating Block Inputting Mechanism [J]. Applied Mechanics and Materials Vols. 52-54 (2011) :1268-1273.

Name	Cui Jiankun
	<ul style="list-style-type: none"> - Cui Jiankun. Ergonomic Design of Computer Keyboard Base on the Finger Workspace Analysis [J]. Advanced Materials Research Vols. 308-310 (2011) : 336-340. - Cao Liya ,Cui Jiankun, Song Yanan. Research of the Workspace Boundary Solving and Flexibility of 3-RRR Planar Parallel Robot. Chinese Journal of Mechanical Transmission 2016(8), 38-42. - Hu Hanlin, Cui Jiankun, Xu Jinbo .Optimal Design of Tooth Profile Parameter of Straight--conjugate Internal Gear Pair. Chinese Journal of Mechanical Transmission 2015(1), 77-79. - Gao Ming-liang, Cui Jiankun, Huang Dong-ping. The Calculation Analysis of Contact Ratio for Straight Conjugate Internal Gear Transmission. Chinese Journal of Fluid Machinery. 2017, 45(2), 28-31. -
Activities in specialist bodies over the last 5 years	Director of The Technical Expert Workstation in the Shanghai Aviation Industry Group Co., Ltd from 2013, which was supervised by the Shanghai Science and Technology Commission of Shanghai Government.