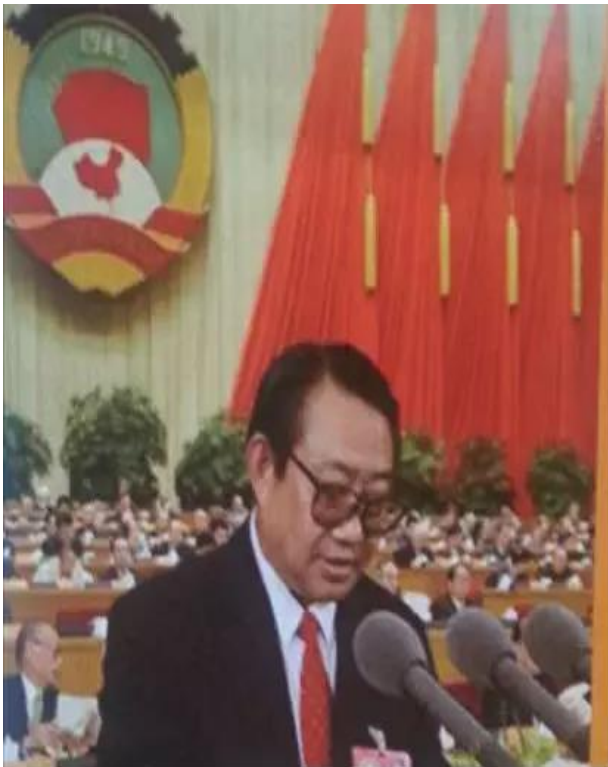


I Academician Profiles

More Than Seventy Years of Research Fruitfulness for the Benefit of the Country And the People

--Academician Chen Xiangfu



Mr. Chen Xiangfu is Vice Chairman and Secretary General of the Association of Science and Technology of China State Construction Engineering Corporation, Chairman of the Academic Committee, Member of the 9th and 10th National Committee of the Chinese People's Political Consultative Conference, and expert directly contacted by the Organization Department of the Communist Party of China (CPC), Representative of no party affiliation, expert of the State Council with Special Allowance, Expert of National Science and Technology Prize.

He is expert of Science and Technology Ministry and Ministry of Construction and Housing, Chairman of the Board of Directors of the Urban Construction Council of China, Honorary Professor of the University of Maryland of the U.S.A., Royal Chartered Constructor of Great Britain, Chief Scientist of the International Cooperation Organization for Economy. In the afternoon of October 12, Mr. Chen Xiangfu took time out of his busy schedule to accept our interview after attending the alumni exchange meeting of the School of Civil Engineering.

As an internationally renowned high-rise building experts, Chen academician practitioners since the design and presided over the construction of the project size of nearly a hundred, talking about his most proud of the design works. He said: "China's experts, technology, 20 years ago, the world's leading!" Standing in the sun of the Bohai Sea, the high-rise - Qingdao International Finance Center, was built in 1996, "249 meters high! That was in the nineties, the first pile-less high-rise building designed and built entirely by our country, higher than the Americans, which were only 212 meters tall," recalled Academician Chen Xiangfu enthusiastically.

The building built by the Americans mentioned by Academician Chen, also known as the third tallest building in San Francisco, California - Millennium Tower, which is the tallest residential building in the region. Since 2016, the building has been detected to be sinking at a rate of about 2 centimeters per year, with the total uneven settlement reaching 45.7 centimeters. Academician Chen commented on his American counterpart's workmate "That doesn't work. It's already substandard from a safety point of view." At that time, the developer of the Millennium Tower contacted the United States top civil engineering architectural experts to seek solutions, and finally the United States experts to give the solution cost up to 500 million U.S. dollars, "five hundred million U.S. dollars. I said, this money is enough to build the second Millennium Tower," Academician Chen humorously laughed. "What does this show? It shows that our Chinese experts, Chinese technology, are world leaders in this field. Even the theories and experiences from 20 years ago are not outdated when put into the present." Academician Chen said. Talking about the unforgettable years that Academician Chen Xiangfu spent in Chongqing University's School of Civil Engineering, Academician Chen seemed to have found a bright pearl from the sandy sea of memories, and the conversation box opened up at once.



At this point, the United States is in a difficult situation. Academician Chen published a book of architecture in 2011, the most proud of a book, "high-rise building settlement calculation: theory and application", trying to contact through a variety of channels to contact the original author, and finally resorted to diplomacy and contribute to the team of Prof. Chen on the millennium building settlement problem solving. "In the end, based on my theory, as well as our experience and technology, a feasible solution for correcting, controlling settlement was researched, and the economic cost was much lower than that quoted by the American experts."

"At that time the conditions were very hard, but our learning life are very happy. Not like now there are so many recreational facilities, we will play basketball, table tennis, exercise," Academician Chen said, "I went to school most like to read, professional books, philosophy, art, everything", I also read the original English version of Newton and Einstein's mathematical works, I enjoy myself. When I was in school, I loved to read books, professional books, extracurricular books, philosophy, art, all of them, at that time, I also read the original English version of the mathematical works of Isaac Newton and Albert Einstein, my classmates thought I was strange to read this, but I was enjoying it myself", Academician Chen told us with great interest about the interesting stories of his student days, the mater of Chongqing University, the College of Civil Engineering's deep feelings overflowing into the words.

"For our students in the School of Civil Engineering, I have three points of hope, or rather, advice", talking about the expectations of the future development of the School of Civil Engineering, the old age of the "old senior" said: "First, hard work, 'academic research must not be sloppy,'" he said. Academic research sloppiness, 'one point of hard work, one point of harvest', in the science of this road, there is no shortcut can go; Second, to be truthful, science can not tolerate a little bit of falsehoods, learning is also the same, the more cutting-edge research the more sloppiness, not in order to produce results on their own research perfunctorily, academic research can not have utilitarianism! Third, to summarize the experience of previous generations, we are standing on the shoulders of giants. I hope our college can pass on this spiritual quality and keep sending talents for the construction of our motherland!"