

For the First Time a Chinese Researcher Gives the Plenary Lecture at the International Symposium on Combustion



Mr. Qi Fei, a professor from the University of Science and Technology of China, delivered a one-hour plenary lecture at the 34th International Symposium on Combustion held from July 29 to August 3, 2012 in Warsaw, Poland. The lecture was highly appraised and had drawn wide attention in global combustion research community. It was the first time that a Chinese expert gave a plenary lecture at this serial symposium since 1928 when it was first held. Since it comes to the 21st century, papers with first authors from China published at the symposium have been growing. At the last two symposia, China ranked the third in total number of papers among all the countries, only after the USA and Japan, the two strong countries in combustion research. It indicates that China has made great progress in both reputation and influence in basic research on combustion.

Since he came back to China in 2003, Professor Qi Fei has been dedicated to the development and application of tunable synchrotron VUV photoionization mass spectrometry in combustion studies including pyrolysis, oxidation, premixed/non-premixed flame and biomass processes. He has made many systematic and innovative achievements in new combustion diagnosis methods and the kinetic modeling of combustion, and published over 150 articles in world-renowned journals like *Science*, *Combustion and Flame*, and *Proceedings of the Combustion Institute*.

Professor Qi Fei was elected as a member of the Board of Directors of the Combustion Institute at the symposium and would take part in the management of the Combustion Institute in the future. He also served as the co-Chair of the session of “soot, pah and other large molecules”, responsible for the selection of oral presentations and the evaluation of best papers in the session.

Besides the plenary lecture, 7 papers from Professor Qi Fei's research group were accepted as the oral presentations, which made it the most productive research group at the symposium. Their work was highly appreciated by famous scholars of the international research circle in combustion. The achievements

should be attributed to their persistence in innovation of experimental methods and enthusiastic pursuit of research equipment with independent intellectual property. Their work received continuous support from the Ministry of Science and Technology, the National Natural Science Foundation of China and the Chinese Academy of Sciences. In 2006, Professor Qi Fei was granted by the National Science Fund for Distinguished Young Scholars.