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Dr. Qi-Yuan Xie is a professor of the State Key Laboratory of Fire Science (SKLFS), University of Science and Technology of China (USTC). Dr. Xie got his bachelor degree (2001) and Ph.D degree (2006) in Safety Engineering and Technology at USTC and has worked as a faculty at USTC since then.

His main research interests are: thermal analysis and flame spread modeling for flame-retardant/non-retardant polymers, optimization of flame-retardant systems for composites, thermal risk evaluation and system safety engineering. He has published more than 120 peer-review papers and got 20 patents, most related to the thermal pyrolysis, ignition, burning and flame spread of composites and other hazardous materials. He has been the principal investigator of more than 30 projects (more than ¥20,000,000 awarded) supported by external agencies, such as NSFC, CAS, MOST, MOE, MOR, Honeywell, State Grid Corporation of China and other private corporations.

He serves as a vice president of the committee of fireproof material of CPFA, an associate editor of Journal of Thermal Analysis and Calorimetry, and a lifetime member of the Internal Association of Fire Safety Science and the Combustion Institute. He won one First Class Prizes of The Scientific and Technological Progress Award (2010, Anhui), one Third Class Prizes of The Scientific and Technological Progress Award (2022, Shanghai), and one Award for Outstanding Faculty at USTC (2019).