

## Short Biography:

Prof. Zhongmin Liu got his PhD in 1990 in Dalian Institute of Chemical Physics (DICP), Chinese Academy of Sciences. Now he is a Professor and Deputy Director of DICP. He is also the Director of National Engineering Laboratory for Methanol to Olefin. He works on the research and development of new chemical reactions, new catalysts and new chemical processes for long time.

In 2006, as a leading scientist, Professor Liu, together with partners and his colleagues, finished the first industrial demonstration test of methanol to olefin process, named as DMTO. Based on DMTO the world's first commercial unit of MTO process was constructed and started to operate by Shenhua group in 2010, which is an important progress for coal to chemicals.

Prof. Zhongmin Liu has published more than 200 research papers and filed 200 patents or more. He also received many award in his scientific career, such as "A Top Prize of Progress in Science and Technology" by Chinese Academy of Sciences, "A Top Prize of Technology Invention" by China Petroleum and Chemical Industry Federation", "China Patent Prize (Medal) ", "Award on "Catalysis for Young Scientist" by Chinese Catalysis Committee, etc..