

Cheng Wu

Wu Cheng, Professor of the Department of Automation and member of the Chinese Academy of Engineering, was born in January 1940, in Zhejiang, China. He graduated from the Department of Electrical Engineering of Tsinghua University in 1962, and graduated from the Department of Electrical Engineering, the Graduate School of Tsinghua University in 1966. From 1981 to 1983, he did research work at the Department of Systems Engineering in Case Western Reserve University, Cleveland, Ohio, U.S.A. He was the Director of CIMS Expert Group of the National 863 Program, the Chief Scientist in the Automation Domain of the National 863 Program, the Chief Scientist of the National 973 Project " theory and methods of real-time and intelligent control and optimization for complex production and manufacturing processes " and an Executive Member and special consultant of the Council, Chinese Association of Automation.

Now he is the Director of the National Engineering Research Center for CIMS. He set up the first world-class China National CIMS experimental base, and won the "University LEAD Award" given by the Society of Manufacturing Engineers of U.S.A. He took part in the constitute of the important scientific and technological projects of China. Especially, he participated in working out the scientific and technological development plan of the automation domain and the CIMS subject of the National 863 Program. Furthermore, he led the implementation of this plan and made many important contributions in enhancing many of China's traditional industries by information technology.

Under his leadership, the scientists and engineers of the National CIMS-ERC have made many important achievements. His research interest is in modelling, control and optimization of complex manufacturing system. He has directed more than 30 doctoral candidates, master's students and postdoctoral research assistants, and has published more than 200 papers.