



Dr. Fengzhou Fang is a joint professor working in the Centre of Micro/nano Manufacturing Technology (MNMT) at Tianjin University and University College Dublin. He is the founding president of the International Society for Nanomanufacturing (ISNM) and the editor-in-chief of Nanomanufacturing and Metrology (NMME) published by Springer Nature.

Professor Fang's specialist areas of interest include optical freeform design and manufacturing, medical device/implants manufacturing, micro/nano manufacturing, ultra-precision manufacturing and metrology. Amongst the applications areas are in medical devices, bio-medical implants, aspheric and freeform optical systems, aerospace and engineering components. Professor Fang has worked with numerous industrial partners assisting companies in developing their R&D activities. In the recent years, he has been spending most of his time in developing the Atomic and Close-to-atomic Scale Manufacturing (ACSM), which is the core competence of Manufacturing III.

He has published over 300 papers in peer-reviewed journals, along with 12 book chapters, as well as over 60 patents. He is the president of the International Academy of Engineering and Technology (AET) and a recipient of SME Albert M. Sargent Progress Award. Professor Fang is a Fellow of CIRP, ISNM, AET and SME.