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重要敘述

Albert Shih (石昭明) is Professor in Mechanical Engineering, Biomedical Engineering, and Integrative Systems + Design (ISD) at the University of Michigan, USA. He is the Associate Chair of ISD and Director of the Global Automotive and Manufacturing Engineering Program. He was a manufacturing process development engineer, specialized in advanced grinding, from 1991 to 1998, at Cummins Inc. Dr. Shih's research area is design and manufacturing. He is a pioneer in biomedical manufacturing, the application of manufacturing technologies to advance the safety, quality, efficiency and speed of healthcare service and biomedical science. He has 9 US patents, a textbook in Machining and Machine Tools, and authored or co-authored over 170 archival journal papers, 90 conference papers in manufacturing and biomedical sciences. Dr. Shih is the Chair of Scientific Committee of the North American Manufacturing Research Institution of the Society of Manufacturing Engineers (NAMRI/SME). He is the recipient of many awards including the Fulbright Scholar, ASME Milton Shaw Manufacturing Research Medal, Society of Automotive Engineers Ralph R. Teetor Educational Award, and Best Paper awards in ASME International Manufacturing Science and Engineering Conference (MSEC), North American Manufacturing Research Conference (NAMRC), International Conference on Frontiers of Design and Manufacturing (ICFDM) and several other manufacturing and healthcare conferences. Dr. Shih is Fellow of both ASME and SME and associate member of CIRP. He received his B.S. and M.S. from National Cheng Kung University and Ph.D. from Purdue University.