

## **Professor Paul Shore**

McKeown Chair of Ultra Precision Technologies

Paul Shore was trained in the machine tool industry as a designer during the late 1970's. He later studied Mechanical and Production Engineering at Liverpool University followed by a MSc degree in the Design of Production Machines and Systems at Cranfield University.

In 1986 he joined the Cranfield Unit for Precision Engineering (CUPE) taking responsibility for process development in the field of ultra precision machining. He researched extensively on the development of ultra precision processes such as diamond turning, diamond grinding and hard turning. During his time at CUPE he successfully completed a PhD in the field of ultra precision machining of brittle materials. He co-ordinated a major UK government funded Nanotechnology project into ultra precision engineering.

In 1996 Paul took employment with the international SKF Group where he held a number of technical positions prior to becoming the SKF Group Technical Development Manager of Precision Production Engineering. He has worked throughout the world for SKF developing, and implementing, strategic manufacturing technologies. Whilst working for SKF Paul and his family lived in Utrecht, in the Netherlands and in Lidköping and Göteborg in Sweden.

Paul returned to Cranfield University in April 2002. He presently holds the McKeown Chair of Ultra Precision Technologies and is Head of the Cranfield University Precision Engineering centre. He is also the Director of the Ultra Precision and Structured Surface Integrated Knowledge Centre which is based at Technium OpTIC in North Wales, [www.ups2.co.uk](http://www.ups2.co.uk)

His research areas include; ultra precision mass production, ultra precision machine design, large scale optical surface manufacture and process monitoring methods.

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