

Planning 1: Overview lectures by distinguished researchers in the world textile engineering



Dr Ningtao Mao
(University of Leeds)

1. Lecture topic:
Characterisation of Fabric Tactile Properties of Nonwoven Topsheets

2. Lecture style:
On-line via Zoom

Speakers Biography

Professor Ningtao Mao is the Chair of Fibre and Textile Technology and Deputy Director of Research and Innovation, School of Design (formerly School of Textile Industries), University of Leeds.

Professor Mao obtained his PhD in Textile Technology in the University of Leeds in 2001 and his BSc and MSc in the Textile Engineering in Northwest Institute of Textile Science and Technology (NWITST) (now Xi'an Polytechnic University) in 1985 and 1988 respectively. He worked in NWITST and Heriot-Watt University before he returned to Leeds in 2003.

His research interests are in the field of functionalisation of fibres and engineering design of fibrous structures including nonwoven materials to enable special functionalities including directional liquid transport and wicking in various technical applications and functional clothing. He is also interested in the objective evaluation and digitisation of fabric tactile properties, and their application in the engineering design and communication of fabric aesthetic and tactile qualities in textile and fashion supply chain.