

**Topic of the Speech:**

Textile Structures with Negative Poisson's Ratio

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Professor Hong Hu is currently a full Professor at Institute of Textiles and Clothing (ITC). He obtained his Bachelor's degree in Knitting Engineering from East China Textile Institute of Science and Technology (Current Donghua University) in Shanghai in 1982 and Ph.D. degree in Textile Engineering and Fibrous Science from University of Haute Alsace in France in 1987. He was Visiting Scholar at University of Haute Alsace from 1991 to 1992 and Visiting Professor at University of Minho in Portugal from 1992 to 2002. Prior to joining ITC, he was a full Professor at Donghua University.

For many years, Prof. Hu has been teaching and researching in textile technology and technical textiles. He is internationally known for his leading research work on 3D textile structures for composite reinforcement and auxetic textile materials for technical applications. Prof. Hu has published more than 200 scientific papers. He is also an owner of 15 patents and principal editor and co-author of 8 books.