TBIS

Topic of the Speech:
Automatic Identification of Textile Fibre Under Optical Microscope Using Neural Network Recognition Technology

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Professor Lijing Wang received his PhD degree from the University of New South Wales, Australia, and M.Eng and B.Eng degrees from Tianjin Polytechnic University, China. After his PhD completion, he worked as a postdoctoral research fellow in 1999 and 2000 at the Department of Mechanical and Manufacturing Engineering, Department of Aerospace Engineering, and Cooperative Research Centre for Advanced Composite Structures (CRC-ACS) on projects related to 3D textile composite materials, automated manufacturing, and robot vision systems. He then worked more than 8 years as a Research Academic, then Senior Research Fellow at the Centre for Material and Fibre Innovation at Deakin University. He joined the RMIT University School of Fashion and Textiles in 2009.

At RMIT, Prof Lijing Wang currently leads the Smart Textiles research cluster and Saving Lives research stream at Centre for Materials Innovation and Future Fashion. In his research career, he has been the chief investigator in more than 30 research projects funded from national competitive grants, and industry grants. He has more than 240 publications with an H-index of 40. He is an experienced PhD supervisor and he received RMIT Award for Innovative Research Supervision in 2017.

His key research areas of interest are smart and high-performance textiles; wearable technology; protective garments; clothing comfort; fibres and polymers material science, engineering and modelling; material functional design; and clothing supply chain sustainability.

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https://scholar.google.com.au/citations?user=bWaMXqYAAAAJ&hl=en