

OCTOBER NEWS

Wearable Technologies and Smart Textiles symposium attracts nationwide interest

The Textile and Design Lab's Wearable Technologies and Smart Textiles symposium held on 14 October attracted around eighty delegates from around New Zealand. Presentations covered a broad range of subjects including nano fibres, socks for diabetes and arthritis sufferers, physiotherapy applications, haptic sensory devices, combining aesthetics with functionality, muscle stimulation and the pros and cons of working in cross-disciplinary groups. Delegates included fellow educators, manufacturers, researchers, government agencies and students. AUT students, Michele Peddie (Textile Design) and Jacques Footit (Creative Technologies) were featured in TV3's Story programme on the evening of the event. Watch TV3 coverage [here](#).



Wearable Technologies and Smart Textiles symposium held on 14 October at the Sir Paul Reeves Building, AUT

E-Textiles workshop

The Textile and Design Lab will be hosting its first 2-day e-textiles workshop on Saturday 5 and Saturday 12 December. The workshop is designed to introduce participants into the rapidly growing world of electronic textiles by giving participants an understanding of the basic principles of soft electronics. [Read more.](#)

Summer short courses and workshops

Our summer short courses and workshops are about to commence and places are still available. The programme caters for participants of all levels across a range of subjects including textile design for printing, knitwear design, knit programming, textile knowledge, felt making and e-textiles. The full summer programme is as follows:

Photoshop Basics for Textile Design: 3-4 December

Illustrator Basics for Textile Design: 30 November-1 December

Digital Textile Design (Intermediate Level) – Repeating Patterns: 10-11 December

Knitwear Design: 5-6 December

Knitting Basics: 10-11 December

Introduction to Textiles: 3-4 December

Felting workshop: 8 December

E-Textiles workshop: 5 and 12 December

Short course information sheets and registration forms can be [downloaded here](#).

Student showcase

Our final year Textile Design students will be showcasing their work between the 12th and 15th November on Level 3 of the WE Building. The exhibition is open to the public on the 14th and 15th November.

Callaghan scholarship for AUT Engineering student

Master of Engineering student, Yasir Al Hilali, who has spent the last twelve months working on a collaborative research project involving the Textile and Design Lab, Engineering, Textiles, Fashion and Health Sciences, has been awarded a twelve month scholarship from Callaghan Innovation to work with AUT commercial partner, Revolution Fibres (RF). This follows a funded placement with RF last summer during which he co-developed a pilot system to produce nano-fibre yarns. He will continue his work in this field during 2016.

Textile and Design Lab on show at ITMA

AUT's Textile and Design Lab will be showcasing some of its research at the forthcoming International Textile Machinery Association's (ITMA) exhibition in Milan in November. The TDL will have a stand in the Education and Research Pavilion alongside other international universities that share a common interest in textile based research. TDL co-Director, Frances Joseph and Manager, Peter Heslop, will also present a paper at the ITMA Speakers' Platform on Sunday 15 November. This opportunity will also be used to see a vast range of new textile based technology under one roof. The show runs from 12-19 November. [Read more](#)