

## APRIL NEWSLETTER

### Date set for e-Textiles symposium

New Zealand's first public e-Textiles symposium will be held on Wednesday 14 October 2015 at AUT. Keynote speakers, Dr Oscar Tomico from Eindhoven Technical University in The Netherlands and Genevieve Dion from Drexel University in the US have accepted invitations from the TDL to present their work at the 1 day symposium. It is expected that New Zealand based researchers, commercial organisations and academics will contribute to the event, which will also present an opportunity for those involved in the wearable technologies and e-Textiles sectors to establish new partnerships. The TDL is asking for expressions of interest for presentations from the commercial, educational and research sectors. Interested parties are invited to email their interest to [tdl@aut.ac.nz](mailto:tdl@aut.ac.nz)

### Short course programme off to flying start



The Textile and Design Lab's 2015 short course programme got off to a flying start this month with educators, commercial textile designers and students from both AUT and other tertiary institutes taking part in two 2-day textile design courses presented by Angela Fraser. On the final afternoon of the course, the participants were able to print their designs onto a fabric of their choice, which was the first time many had seen their own work transposed onto a textile material. 'Being able to print our own design and see the digital printing process was one of the most beneficial elements of the course', said University of Canterbury student, Sandy Austin-Fraser, whose silk scarf print is featured here.

### Textile and Design Lab Open Day

The Textile and Design Lab and its associate labs, 3D Printing Lab and Motion Capture Studio will be opening its doors to designers, industry, staff and students on Tuesday 28 July from 3-7 pm. The lab will be demonstrating its electronic knitting, digital textile printing and machine felting capabilities and examples of our students work and products developed for our commercial partners will be showcased at the event. More information will be available via our forthcoming newsletters. The labs will also be represented at the forthcoming AUT Information evening being held on Friday 5 June from 5.00 – 8.20 pm.

### TDL visit for David Cunliffe

Labour MP and Spokesperson for Tertiary Education, David Cunliffe, visited AUT recently and was invited by PVC Research, Innovation and Enterprise, John Raine, to visit the Textile and Design Lab and other technology focused centres within the University. TDL staff Gordon Fraser and Peter Heslop discussed the lab's commitment to New Zealand industry with the former party leader, by helping its partners to develop new products through a commercial research and development process.

### Felting workshops

The Textile and Design Lab hosted two 1-day Felting Workshops in April that were attended by staff, students and experienced felters from the private sector. The workshops were hosted by Lanette Freitag and Don Bowles, owners of Feltloom Inc in the US, whose company supplied AUT with its new felting machine earlier this year. Participants were given an explanation of the machine's capabilities and operating procedures before creating their own experimental pieces of felted materials.



*Experimental felting by Textile Design student, Michele Peddie*

The lab is making its Feltloom available to students, crafters and designers and will be hosting the following induction sessions, production sessions and 1-day workshops commencing in May:

#### *Felting induction workshops*

These 1.5 hour induction workshops will familiarise participants with raw materials, basic design techniques, machine operating and safety procedures and felting demonstrations. Materials are included. Maximum of 8 participants per workshop. Registration fee: \$30. Full time students: \$15.

*Mon 11 May 9.00 am – 10.30 am*

*Tue 19 May 12.00 noon – 1.30 pm*

*Mon 25 May 9.00 am – 10.30 am*

Email [tdl@aut.ac.nz](mailto:tdl@aut.ac.nz) to register.

#### *Felting production sessions*

These 3 hour shared production sessions are open to both students and external participants who wish to create their own felted products under supervision. It is essential that participants have attended an induction workshop or 1-day workshop before registering for these sessions. Materials are not included. Maximum of 6 participants per session. Registration fee: \$60. Full time students: \$30.

*Mon 11 May 10.30 am – 1.30 pm*

*Tue 19 May 1.30 pm – 4.30 pm*

*Mon 25 May 10.30 am – 1.30 pm*

Email [tdl@aut.ac.nz](mailto:tdl@aut.ac.nz) to register.

#### *1-day felting workshop*

This introductory 1-day workshop will teach the use of the Feltloom needle-felting machine as a tool for textile design and creation. An understanding of the machine operations and techniques for making felted fabric designs that can be used for items such as scarves and shawls will be gained. This workshop will appeal to anyone who has an interest in designing and creating felt based materials and products. Materials are included. Maximum of 6 participants per workshop. Registration fee: \$175. Full time students: \$90

*Mon 6 July 9.00 am – 4.00 pm*

Email [tdl@aut.ac.nz](mailto:tdl@aut.ac.nz) to register

## AUT at GoGreen Expo



*The TDL's Feltloom in action at the recent GoGreen Expo*

PhD student, Donna Cleveland, teamed up with US felting machine manufacturer, Feltloom Inc, to promote the lab's new felting machine at the recent GoGreen Expo held at the Auckland ASB Show Grounds this month. The exhibition stand was buzzing for both days of the event with many wanting to know how they could learn more about the machine felting process and how they could gain access to the lab's machine. [Read more](#) about GoGreen.

## 2015 short course programme

The Textile and Design Lab's 2015 short course programme is now underway. Each of the 2 day courses will be run twice during the year. The full schedule is as follows:

*Photoshop Basics for Textile Design: 9-10 July and 3-4 December*

*Illustrator Basics for Textile Design: 30 November-1 December*

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

*Knitwear Design: 15-16 August and 5-6 December*

*Knitting Basics: 16-17 July and 10-11 December*

*Introduction to Textiles: 18-19 June and 3-4 December*

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