



# Turning **bright** ideas into **successful** outcomes

## 3 Day Textile R&D Training Course

CSIRO shares 50 years of experience in Textile R&D

**This training course provides instruction on how to carry out R&D in a systematic and scientific manner and thus achieve the maximum business impact.**

This is a basic course for those involved in developing new products, improving processes, or conducting workplace research in the textile and allied industries. A key focus is on the application of intellectual property management to protect your work.

The course consists of **THREE MODULES** and each module can be attended at either of the **TWO LOCATIONS** – Belmont and Richmond

**Belmont** – CSIRO Materials Science & Engineering, Colac Road  
**March 1, 2 & 8**

**Richmond** – Kangan Institute, 85 Cremorne Street  
**March 9, 15 & 16**

**Time** 9.30am – 4.30pm each day

**Cost** \$330.00 inclusive of GST (for all three modules)

**Book Early** This course is interactive and the numbers of places are limited to allow for full participation in activities. For flexibility, we permit day substitutions, if these are notified before course commencement. Applications close when all places are filled.

### Module 1

#### R&D Management & Planning

**Belmont Tue March 1**

**Richmond Wed March 9**

Preparing proposals for R&D projects  
Managing Uncertainty in Industrial R&D  
New approaches to R&D  
Planning R&D Projects  
Project Management Tools

### Module 2

#### Intellectual Property

**Belmont Wed March 2**

**Richmond Tue March 15**

Intellectual property principles  
Types of Intellectual Property (patents, trademarks, copyright, know how, and confidential information)  
Protecting IP - creation of rights and enforcement  
IP in contracts and business

### Module 3

#### Scientific Methodology

**Belmont Tue March 8**

**Richmond Wed March 16**

Scientific Method. Why is this necessary?  
Generating meaningful data  
Analysing your data  
Experimental Design  
Why Quality Control is key



International Fibre Centre



Supporting  
Training &  
Education  
in Textiles

# CSIRO Materials Science and Engineering Presenters:

## Dr Tony Pierlot – Research Scientist

Dr Pierlot completed his undergraduate degree in chemistry and material science and started his professional career as a Microwave Spectroscopist after completing an Honours and Ph.D thesis in this field of research at Monash University. For the last 18 years he has been working for CSIRO in the field of textile and fibre technology. During this time he has been involved with numerous industry focused research projects including roles as research scientist, team member, project leader and theme/program leader. These projects have developed technologies for improving the appearance retention of garments and for producing total easy care (machine wash/tumble dry/non-iron) pure wool and wool blend structured garments. He has also been involved in hands-on technology transfer trials and commercialisation and adoption in international markets.

## Mr Graham Higginson – Research Scientist

Graham began his working life as an analytical chemist with CSR. Following an Honours degree in Pure & Applied Chemistry from UNSW he spent some time researching the occurrence of dextrans in raw sugar at a post as Chief (and only) Chemist at CSR's Mt Gunson copper mines. Moving to CSIRO Textile Physics he developed the divisions capabilities in image analysis and was responsible for setting up the optical design facility. Transferring to the Geelong Laboratory of the CSIRO Division of Wool Technology, he has continued his research in imaging, statistics and instrument design and control for the development of instruments for the wool and cotton industries. Graham has a strong background in the statistical design of experiments, statistical analysis of experimental results and their interpretation using a variety of techniques and software packages. This skill has been of significant importance to CSIRO in the development of instruments and their accreditation by industry bodies e.g. IWTO.

## Mr Tim Head – Business Development Manager

Tim commenced working with CSIRO, after several years in wool export, and worked in fibre metrology research and specification systems for wool before taking on management of the CSIRO Wool Technology Laboratory in Sydney. After further technical and legal training, Tim was appointed to the post of Commercial Operations and Intellectual Property Manager for the CSIRO Advanced Fibrous Materials Technology laboratory in Geelong and is now the Business Development Manager for the Advanced Fibrous Materials Theme of CSIRO's Future Manufacturing Flagship, with responsibility for, amongst other things, the management of its patent and trademark portfolio, patent infringement and defence, and licensing.



## Course Fees

\$330.00 inclusive of GST Includes 3 day course, daily catering and hard and soft copy course notes.

## Enquiries

Ms Susan Chandler  
 Phone (03) 9866 5442  
 Email susanc@apical.com.au

## Cancellation

Full Course fee will be refunded if notified in writing 10 days prior to commencement of Course. No refund will be given for cancellations made within 4 days of Course. Substitutions are permissible.

## Accommodation

**Belmont registrants:**  
 Mecure Hotel, Corner Gheringhap & Myers Street, Geelong  
 Phone (03) 5223 6200  
 Email h3033-re01@accor.com  
 www.mercuregeelong.com.au

## Richmond registrants:

Mantra on Jolimont, 133 Jolimont Road, East Melbourne  
 Phone (03) 9940 2100  
 Email info@mantra.com.au  
 www.mantra.com.au

## Registration and Tax Invoice ABN 78 274 720 477

Please tick the appropriate box for each module to indicate which dates you shall be attending.

Module 1	Module 2	Module 3
<b>R&amp;D Mngt &amp; Planning</b>	<b>Intellectual Property</b>	<b>Scientific Methodology</b>
<input type="checkbox"/> Belmont Tue March 1	<input type="checkbox"/> Belmont Wed March 2	<input type="checkbox"/> Belmont Tue March 8
<input type="checkbox"/> Richmond Wed March 9	<input type="checkbox"/> Richmond Tue March 15	<input type="checkbox"/> Richmond Wed March 16

- Cheque for **\$330.00** made payable to Apical International, or
- Direct credit to Apical International ANZ BSB 013 423 A/C 2005 87176 ;
- Credit card payment for a total: **\$330.00**

Visa  Mastercard Expiry date: / /

Credit Card number

Signature \_\_\_\_\_ Name on credit card \_\_\_\_\_

Name \_\_\_\_\_ Company \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_

### Please copy completed Registration and return to Apical International:

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**Post to Apical International, PO Box 344, Hawthorn Victoria 3122**  
**Email susanc@apical.com.au**