

REGISTRATION

Register for the TCF Green Conference at www.ftna.com.au/events/ or fill out the form below and fax to 03 9421 5516.

Registration and tax invoice

- ABN 55 899 043 605
- Registered association number A0039622Y
- This form becomes your tax invoice when you make payment. Confirmation letters will be sent closer to the event.
- Please keep a copy for your GST records.

Please circle appropriate **Item** and **Amount**

Item	Amount	Industry body/Organisation
Member	\$175 *	<input type="text"/>
Non member	\$220 *	<input type="text"/>
Student	\$66	<input type="text"/>

*Networking function is included in this ticket price

Total payment amount \$

Payment method

Cheque Payable to TTNA

OR

Direct credit to TTNA's bank account

Commonwealth Bank of Australia
Branch: Brunswick BSB: 063 111 Account #: 1029 5610

OR

Credit Card: (please tick box)

Visa Mastercard Expiry Date /

Card Number

Signature

Card Holder's Name

Name of Delegate

Company

Address

Telephone

Fax

E-mail

Please copy this form for each separate registration.

Completing the registration details indicates to the TTNA that you wish to be included on the database and be kept informed of future events.

If you do not want to be added to the TTNA database please tick this box.

** The organisers have made every attempt to ensure the information is correct at the time of printing. Any part of the program is subject to change. TTNA is not liable for any loss or expense incurred.

The TCF Green Conference is an initiative of the Industry Associations Consortium, a multi-agency initiative developed and funded by the International Fibre Centre, and comprising the following key organisations representing the Australian fibre, carpet and textile industries:



DATE:
Thursday 19th June

LOCATION:
Melbourne Victoria

VENUE:
Royal Melbourne Yacht Squadron
Pier Road, St Kilda VIC 3182

PARKING:
Parking is available at the car park next to the venue. A flat rate of \$7 applies Monday to Friday based on entry between 5:00am and 10:00am and parking on level 2, otherwise a rate of \$16 applies. The car park is accessible 24 hours.

TIME:
Registrations: 8.15am – 9.00am
Conference: 9.00am – 5.00pm
Networking: 5.00pm – 7.00pm

FURTHER ENQUIRIES:
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For further information visit www.ftna.com.au

Addressing sustainability challenges in the fibre, textile, carpet and apparel industries

DATE:
Thursday 19th June

LOCATION:
Melbourne Victoria

VENUE:
Royal Melbourne Yacht Squadron,
Pier Road, St Kilda VIC 3182

TIME:
9.00am – 5.00pm
followed by industry network session from 5.00pm to 7.00pm



Supporting Training & Education in Textiles

This conference will profile how putting environmental and social responsibility at the heart of management practices is key to the future.

The case for improved environmental and socially sustainable performance continues to grow. This conference profiles the opportunities for the fibre, textile, carpet and apparel industries in meeting the challenges of ecological and socially sustainable development.

The conference will feature international and domestic presenters responsible for the development and implementation of innovative solutions. They will show how these drivers for change and innovation to advance sustainability performance, also offer opportunities for the fibre, textile, carpet and apparel industries.

Case studies will showcase how they have driven and developed sustainable business practices in their organisations.

Presenters will share their respective outlooks and collective wisdom on a critical issue of common concern: the pursuit of a sustainable world.

Themes of the conference will centre on sustainable fibre, textile and apparel production, consumer behaviour, ethical sourcing as well as showcasing new and emerging technologies.

TOPICS AND SPEAKERS INCLUDE

Latest and more detailed information is available at www.ftna.com.au

Geotextile outdoor weathering performance and durability under Australian conditions

Daniel T. Gibbs

R&D Laboratory Manager, Geofabrics Geosynthetic Centre of Excellence

Until now little research into geotextile outdoor weathering performance and durability under Australian conditions yet exposure to ultraviolet radiation (UVR) is one of the primary degradation mechanisms for geotextiles that play a vital role in environmental engineering projects.

Daniel will discuss the testing capabilities and technologies developed by his team to be able to gather real-time outdoor exposure data on polyester geotextiles and the results for three sites around Australia as well as accelerated UVR data obtained through exposure in a xenon-arc weathering chamber.

Tools for greener product innovation in the technical textile industry

Terry Swack

Founder and CEO, Sustainable Minds

Manufacturers across the value chain face two key problems when it comes to building a greener brand. They want and need to design greener products, and then credibly market them. Designing truly greener products requires access to a comprehensive source of current and credible life cycle data. For several years, INDA, Association of the Nonwoven Fabrics Industry, and Sustainable Minds have been working to understand the product sustainability landscape for nonwovens. Terry will discuss life cycle assessment and how manufacturers can use it to make greener decisions in R&D and to build a greener brand.

Recycling carbon fibre waste

Mr Tristan Tiedt

Institut für Textiltechnik (ITA), RWTH Aachen University, Germany

Carbon fibre has been described as the most defining material for 21st century manufacturing with the global market for carbon fibre estimated to treble by 2020. There are significant sustainability imperatives to develop and implement processes and strategies for recycling carbon fibre waste that will increase in parallel with this predicted growth in use.

Informed by the research being undertaken on recycling carbon fibre at Aachen University, Tristan will present on the size of the global carbon fibre market, the likely volumes and value of carbon fibre to be recycle/reuse and current and future technologies to recycle/reuse production offcuts (dry fibre), prepregs and laminate.

Fashion – it is time to consider an alternate system

Associate Professor Karen Webster

Deputy Head of Fashion and Textiles, RMIT University

In this presentation Karen interrogates the contemporary fashion system and the integrated issues of fast fashion, high frequency drops into retail stores and the associated relationships with seasonal appropriateness and design analysis.

Karen proposes an alternate model that considers the implementation of slower, more purposeful, processes that embrace reflective and analytical design practices combined with appropriateness to the market within sustainable frameworks. A pivotal component is the reassessment of the fashion calendar reducing the constant supply within the fast fashion sector.

Sourcing efficient, sustainable global supply chains

Paula Rogers

Partner at the Apparel & Textile Industries (ATI) Group

In the absence of Australia legislation mandating chemical product safety requirements, and after conducting tests on a range of textiles, the Australian Competition and Consumer Commission (ACCC) has demanded the recall of apparel and textiles containing harmful azo dyestuff.

Join Paula, an acknowledged authority on product safety in apparel and textiles international supply chain management, as she draws on this and other case studies to demonstrate how a planned, ethical approach to sourcing can reduce risk and deliver a stronger bottom line.

To infinity ... and beyond. Can retail nonwovens keep growing?

Mr Ian Bell

Euromonitor International, London

The head of home care, tissue and hygiene research at Euromonitor International, Ian will share his knowledge of the global trends impacting on the nonwoven retail sector. While volume growth opportunities may be limited, he points to the opportunities in shifting the focus from hygiene to lifestyle through product innovation, packaging and marketing.

The power of designing greener products

Dr John Cumming

Managing Director of Infotech Research

The author of the EPA's Best Practice Environmental Guidelines for Textile Industries and developer of a range of energy and environmental management education programs, Dr Cumming will demonstrate the power of designing greener and more cost effective products as evidenced by the impact of the life cycle assessment program he developed for the Australian carpet industry.

New opportunities in renewable polymer and functional materials

Dr Michael O'Shea

Materials Science and Engineering, CSIRO

There is significant global momentum around the (re)emergence of bio-derived feedstock for the chemicals and polymer industries. CSIRO's research activities in these areas offer a shift in novel polymer modifiers and opens up access to new and sustainable product platforms for the chemical and polymers industries. Dr O'Shea will discuss these developments and their industrial application including: renewable chemical intermediates; renewable polymers; oligomers; cross-linkable polymers; bioactive compounds; fuel additives and thermo/mechano-chromic devices.

A novel process to recover wax from wool scouring effluent

Dr Jinfeng Wang

Postdoctoral Research Fellow, Australian Future Fibres Research & Innovation Centre, Deakin University

Enabled by fund from Australian Wool Innovation, Deakin University is developing a novel process to improve the recovery of wool wax from scouring effluent which, if successful, will improve the profitability of existing scouring operators. Dr Wang will outline the project and progress to date plus the further aim of improving the quality of the effluent and thus ameliorating negative impact on the local environment.