Composites Australia

ARC Research Hub for FUTURE FIBRES

# Technology Seminar

# High-Performance Fibres

**High-performance fibres are developed to protect, defend repel, reinforce, conduct, communicate and comfort, restore and heal.**

**Presented by Dr Dieter Veit is Vice-Director of the Institut für Textiltechnik of RWTH Aachen University, Germany.**

**Date:** Wednesday 28 September 2022
**Venue:** Deakin University,
**Address:** 75 Pigdons Road, Waurn Ponds, VIC 3216
NA Building, Room NA 1.418 Seminar Room 1B
**Time:** 10.00 start and 4.30pm finish

DEAKIN UNIVERSITY

**Register Here**

## About Dr Dieter Veit

Dr Dieter Veit has worked in textiles for more than 30 years beginning with his Doctor of Engineering at RWTH Aachen University on the simulation of man-made fibre processing and including an internship with CSIRO in 1992. Dr Veit worked in different areas of textile production including cotton spinning, weaving and man-made fibre. He is author and co-author of several books on a wide range of textile subjects. His latest book 'Fibers: History, Production, Properties, Market', will be released at the end of this year.

## Additional speakers

Dr. Christopher Hurren: Motorcycle Clothing for Protection and for Everyday Use

A/Prof. Alessandra Sutti: Textile Treatments for Apparel and Beyond

Dr. Maryam Naebe: Sustainable Fibre-based Materials: Production and Applications

Darren O'Loughlin, Business Development for Colan Australia: A quantitative evaluation Polyacrylate fibres (PCAs).

| | |
|---|---|
| Date: | Wednesday 28 September 2022 |
| Venue: | Deakin University, 75 Pigdons Road, Waurn Ponds, VIC 3216 |
| Time: | 10.00 start and 4.30pm finish |
| Catering: | Meals and snacks are included in each registration |
| Cost (inc GST): | Members: $245; Non-members: $320; Students: $155 |
| Register: | Online at www.compositesaustralia.com.au<br>E: admin@compositesaustralia.com.au<br>T: 0412 556698 |

High-performance fibres are developed with unique properties for unique applications. They can offer high strength, high modulus, thermal stability at high temperature and/or chemical and solvent resisting mechanical properties. They can also be made to be intelligent, smart and connective and possess anti-fungal, anti-microbial and hyper allergenic properties.

This Technology Clinic will cover a wide range of high-performance fibres including glass and carbon fibres, ceramics, PE (Dyneema) and Aramid as well as PET, PA and PCA for technical applications and natural fibres including hemp.