

64th Dornbirn Global Fiber Congress & 5th Innovation Days 10 – 12 September 2025, Dornbirn Austria

Call for Papers – 64th Dornbirn 2025

The Dornbirn GFC is inviting **researchers, experts, manufacturers, and practitioners** to submit papers for the 64th edition, taking place in September 2025. This congress offers a platform to present cutting-edge research and innovations that will shape the future of the fiber and textile industries.

Submissions possible until 14th of February 2025!

We welcome submissions on the following topics:

1. Work- & Protective Wear, Defense

This session will explore the growing need for lightweight, high-performance materials that provide enhanced protection against hazards such as heat, flames, electric arcs, nuclear, biological, chemical, and ballistic threats. Contributions can focus on:

- **Smart textiles providing** real-time data for first responders (e.g., firefighters, soldiers, police, industrial workers)
- **Flame-resistant fabrics** for multi-risk environments, combining protection with flexibility and comfort
- **Sustainability in production, eco-friendly materials, and recycling innovations** for workwear and **protective apparel**

2. Carbon Stewardship: Harnessing Biomass, Recycling & Capture for a Sustainable Future

This session will cover circular economy strategies aimed at reducing the carbon footprint in the fiber and textile industry. Topics of interest include:

- Use of **sustainable biomass in textile production**
- **Innovations in post-consumer textile recycling and chemical recycling methods**
- **Carbon capture technologies** integrated across the value chain
- Development of **carbon-negative materials** and large-scale implementation of circular systems

3. Fiber Innovations: From Production to Application

This session will bring together fiber producers, processors, and end-users to discuss cutting-edge fiber technologies. Submissions are encouraged on:

- **Biopolymer & Natural Fibers:** Innovations in bio-based polymers and natural fibers for textiles, packaging, and industrial applications, focusing on performance, sustainability, and scalability
- **Textile Processing & Application:** Advances in textile production techniques, dyeing technologies, and sustainable finishing processes that reduce environmental impact
- **Nonwoven Processing & Application:** Innovations in nonwoven technologies for applications in filtration, hygiene, medical textiles, and construction, with an emphasis on sustainable production methods

4. Cross-Industry Session

This session aims to foster collaboration between the textile industry and other sectors. Topics of interest include:

- **Energy Transition:** Strategies for integrating renewable energy and improving energy efficiency in textile production, with case studies on solar, wind, and bioenergy adoption
- **Pulp, Paper & Packaging Innovations:** Developments in sustainable cellulose-based fibers, the integration of recycled paper into fiber solutions, and advances in eco-friendly packaging material. Development of cellulosic and synthetic-based fibers, integration of recycled materials into fiber solutions, advances in environmentally friendly packaging materials.

Join us at the **Dornbirn GFC 2025** and contribute your insights on these forward-thinking topics. Help shape the future of the fiber and textile industries with your innovative research and ideas!

Please contact our conference office about your questions. Mrs. Sonja Spöcker: office@dornbirn-gfc.com; Information: www.dornbirn-gfc.com