

**PRESS RELEASE**

For Immediate Release

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The banner features a black header with the IMI logo in blue and the Alchemie logo in white with a green leaf icon. Below the header, three circular images show rolls of blue fabric, a close-up of blue fabric texture, and hands holding a piece of green fabric. The main text reads "Digital Textile Manufacturing Technologies Conference 2024" in blue, with the tagline "Clean-tech production solutions" in italics. The dates and location are listed as "16 - 17 September 2024, Charlotte-South Park, North Carolina, USA". The bottom right features a collage of images: a crowd of people, a piece of industrial machinery, and an orange jacket, all set against a background of a globe.

**IMI** Alchemie

**Digital Textile  
Manufacturing Technologies  
Conference 2024**

*Clean-tech production solutions*

**16 - 17 September 2024  
Charlotte-South Park,  
North Carolina, USA**

## Digital Textile Manufacturing Technologies Conference 2024

September 16-17, 2024

DoubleTree Suites by Hilton Charlotte-SouthPark

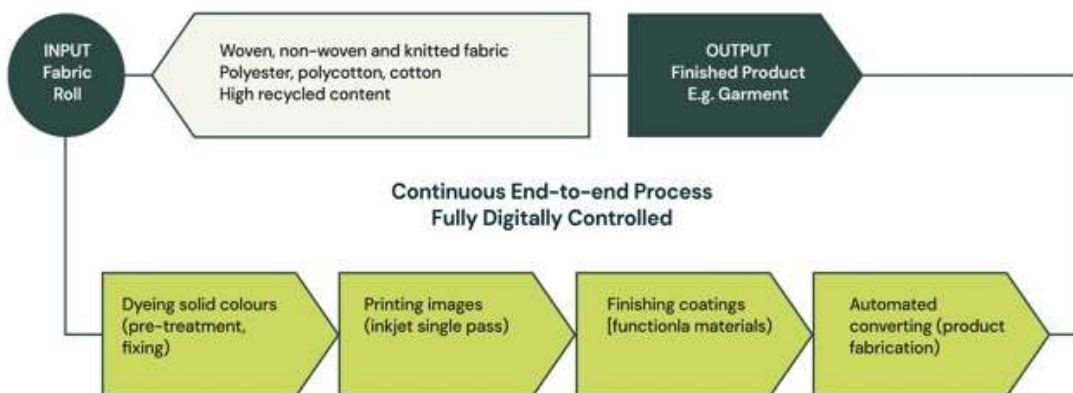
Charlotte, North Carolina, USA

Carrabassett Valley, Maine – IMI President Al Keene says, "We are pleased to update that the first **Digital Textile Manufacturing Technologies Conference 2024** in conjunction with Alchemie Technology will now be held September 16-17, 2024 in Charlotte, North Carolina..

This conference will inform and educate brand owners on the importance of innovative technologies within the dyeing, finishing, and printing sectors that can support them to meet their ESG targets and transform the textile industry's sustainability.

It provides a unique opportunity to learn and understand the power of advanced digital technologies and their potential to transform the textile/apparel industries, drive positive change, and significantly reduce environmental impacts.

## The Future of Textile Production





## Speakers

Monday, September 16 2024  
Session 1: Textile Industry  
Now & Going Forward



### Garry Atkinson

Senior Technical Associate  
AATCC  
Driving Sustainability  
Through Standards



### Danaé Robert

Senior Associate  
At One Ventures  
Investing in Fashion



### Speaker TBA

Zeis Textile Extension  
NC State Wilson  
College of Textiles  
National Science  
Foundation North  
Carolina Textile  
Innovation and  
Sustainability Engine



### Melanie Carrico & Dr Elena Karpova

Associate Professor/2024  
President-Elect Intl.  
Textile & Apparel Assoc -  
Professor, Dept. of  
Consumer, Apparel, and  
Retail Studies  
UNC Greensboro  
Challenges & Opportunities in  
Preparing Future Textile/Apparel  
Industry Leaders



### Dr Alan Hudd

Founder & CEO  
Alchemie Technology  
Bringing Digital Textile  
Dyeing to the USA -  
A Sneak Peek at Future of  
Textiles

Tuesday, September 17 2024  
Session 2: Digital Textile  
Manufacturing Technologies



### Johnny Shell

Principal Analyst  
Keypoint Intelligence  
State of the Industry:  
Digital Textile Printing



### Dr. Dan Harrison

Founder  
Digital Imaging Materials  
Consultancy  
Digital Textile Printing:  
DTG vs. DTF



### Graham Page

Co-Founder & CEO  
iAtelier Inc.  
Robotics & Automation in  
Clothing Manufacturing:  
State of the Art



### Harry Vine

Product Specialist  
Alchemie Technology  
New Technologies to  
Reduce Textile Dyeing &  
Finishing Global Emissions

Session 3: Digital Textile  
Manufacturing Technologies  
Implementation



### Dr. Minyoung Suh

Associate Professor  
NC State University  
Automated Cutting &  
Sewing Technology  
Toward Textile Industry,  
4.0



### Kerry Maguire King

Textile Professional NC  
State Wilson College of  
Textiles  
Digital Technologies  
Drive Clean-Tech Textile  
Manufacturing  
Technologies



### Kurt Kipka

Chief Impact Officer  
Apparel Impact Institute  
Decarbonisation of the  
Apparel Industry



### Graham Page

Co-Founder & CEO  
iAtelier Inc.  
Digital Integration, Digital  
Coloration & Cybernetics:  
The Future 'On-Demand'



### Gart Davis

Student of Textile Change,  
Spoonflower Co-Founder &  
past CEO/COO  
A 2024 Checkpoint:  
What the Textile Industry  
Needs to Thrive in the 21st  
Century

## Digital Textile Manufacturing Technologies Conference 2024

FMI <https://www.imiconf.com>

## Discovery Live Demonstration

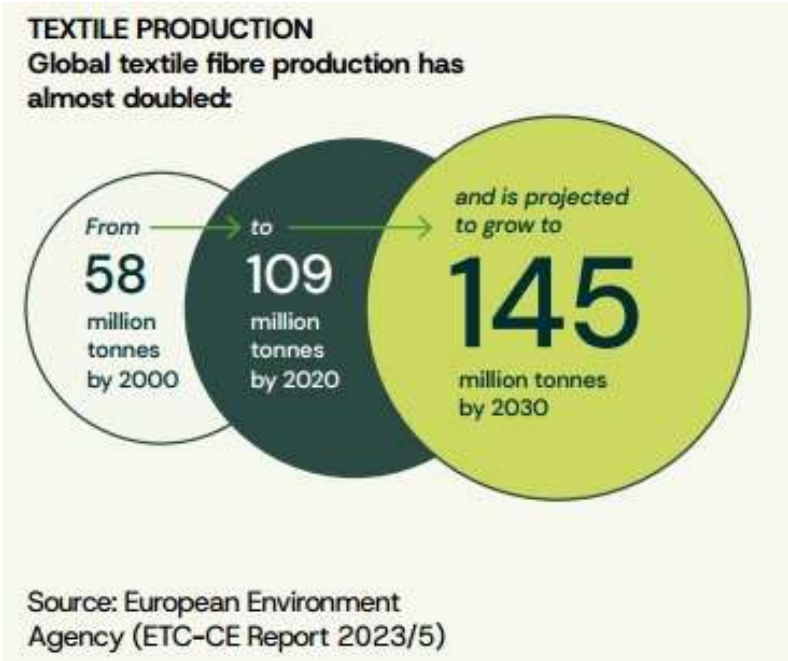
Replicates Endeavour™ low carbon digital textile  
dyeing production - hands on understanding of  
Alchemie's digital liquid application solution.

Monday, 16 September 2024 at 4.45 PM

Tuesday, 17 September 2024 at 11.45 AM

### Traditional ESG Impacts of the Textile Industry

Currently, the textile industry accounts for 10% of global emissions - greater than international flights and maritime shipping combined. Textile dyeing and finishing processes are some of the most polluting manufacturing processes on the planet, responsible for over 3% of global CO2 emissions and over 20% of global industrial waste water pollution. If business as usual persists, by 2050 the textile industry is projected to represent 25% of the global carbon footprint.



 IMI Alchemie

# Digital Textile Manufacturing Technologies Conference 2024



Clean-tech production solutions

16 - 17 Sept, 2024, North Carolina, USA

Supported by



## Industry Focus is Changing

Many leading brands are answering the call and working to create favorable ESG initiatives and developing more environmentally friendly manufacturing and dyeing processes. Technology and research are playing a key role in making the textile industry more sustainable. The United Nations Framework Convention on Climate Change's (UNFCCC) Fashion Industry Climate Action Charter sets targets to degas supply chains and halve greenhouse gas emissions by 2030 and to achieve net zero emissions by 2050. Using science-based targets (SBT), the initiative outlines a roadmap for reducing emissions in line with the Paris Agreement.

The Fashion Charter also sets out targets to ensure that 100% of electricity comes from renewable sources with minimal other environmental or social impacts by 2030, owning and exploiting emissions, and putting more emphasis on brands working with their suppliers to reduce emissions.

## **Digital Textile Manufacturing Technologies' Disruptive Potential**

Join IMI & Alchemie Technologies' **Digital Textile Manufacturing Technologies Conference 2024** to learn how disruptive digital textile

manufacturing technologies will be key incentives and drivers for meeting brand owners' goals, reducing environmental impacts, and enabling

more profitable production by:

- Growing demand for more sustainable production
- Enabling economical shorter runs & less inventory
- Immediate & dramatic reduction of environmental impact
- Lowering energy consumption
- Reducing cost & yielding short-time ROIs
- Reshoring & enabling regional on-demand production
- Enabling more profitable production
- Delivering immediate/dramatic environmental & cost benefits

### **About IMI**

IMI sponsors conferences and courses to assist in understanding technology developments, markets and applications requirements. IMI conferences and courses offer unique opportunities for leading hardware, technology development, consumables, software and user companies to learn, network, and develop a comprehensive understanding of current as well as future developments impacting successful product implementations, market entry/expansion, and technology utilization.

Since 1990, IMI has held over 600 programs attended by well over 25,000 technical, marketing and management personnel from companies around the world.

IMI programs are designed to enable attendees to obtain the latest technical, market and application information while allowing time to network with other attendees in a time and cost-efficient manner. Attendance at an IMI program enables attendees to meet with an industry's leading experts in a single location over a short period of time thus maximizing information transfer efficiency and minimizing travel and time expenses. Details on all of IMI activities can be found on our web site [www.imiconf.com](http://www.imiconf.com)

## **About Alchemie Technology**

Alchemie Technology was founded in the UK in 2013 with the vision to deliver disruptive clean-tech digital manufacturing solutions.

Our mission is to transform the textile industry with dyeing and finishing solutions that eliminate the environmental impact of these polluting processes.

The key benefits of our digital approach to textile dyeing and finishing are:

- Reduction of energy consumption by > 85%
- Elimination of wastewater emissions by > 95%
- Significant cost reductions of > 50%
- Digital manufacturing agility to address the ~25% of materials waste in the supply chain

About Alchemie's solutions:

- Alchemie Endeavour™ is a breakthrough waterless, low-carbon, digital dyeing technology,
- Alchemie Novara™ is a non-contact, low energy, low chemistry, digital finishing solution
- Alchemie Discovery is a lab system that replicates the production of Endeavour™ and can be used for recipe development, color matching, and new material process development.

Details on all Alchemie Technologies' activities can be at <https://www.alchemietechnology.com>