



2023 ANFA Nonwovens Conference

亞洲無紡布會議

# ANFA CONFERENCE COMING TO HONG KONG


# 2023

**Date: Oct 30-Oct 31 2023**

**Venue: Meeting Room S421, Hong Kong Convention and Exhibition Centre, 1 Expo Drive, Wan Chai, Hong Kong**

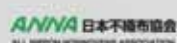


**Organizer:** 香港無紡布協會  
Hong Kong Nonwovens Association

**Co-Organizer:**  ANFA  
Asia Nonwovens Fabric Association

**Implementation agent:**  hkpc  
香港貿易發展局

**Supported By:**

 ANNA 日本不織布協會  
ALL JAPAN NONWOVENS ASSOCIATION

 CNFA  
China Nonwovens Technical Association

 TN  
Special Nonwovens  
Fabric Industry Association

 KVIC  
Korea Nonwovens  
Industry Cooperative

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 GDNA 广东无纺织布协会  
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HK GENERAL CHAMBER OF TEXTILES

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Nonwovens Association

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Association of The  
Nonwoven Fabric Industry

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Association of Nonwovens  
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<http://www.hkna.com.hk>



## Summary Report

It is the first time for Hong Kong Nonwovens Association (HKNA) to organize ANFA Nonwovens Conference 2023 in Hong Kong and ANFA Nonwovens Conference 2023 is the first Asia Nonwovens Conference after a nearly four-year period COVID-19 pandemic. Funded by the Trade and Industrial Organisation Support Fund of the Trade and Industry Department of HKSAR Government and in collaboration with Asia Nonwoven Fabrics Association (ANFA) and Hong Kong Productivity Council (HKPC), the conference was held in Hong Kong Convention and Exhibition Centre from 30th to 31st October 2023.

The conference encompassed a wide range of crucial topics pertaining to the nonwovens industry, including:

1. The impact of the COVID-19 pandemic on the nonwovens industry and response strategies;
2. Applications of high-value nonwovens fabric products in the healthcare, medical, and filtration material industries;
3. Sharing of new environmentally friendly technologies for the of nonwovens production;
4. Innovative ideas and models to enhance market competitiveness for manufacturers; and
5. Introduction of standards and certifications for high-value nonwoven products in different countries to help businesses understand and adapt to various market demands.

The event was a resounding success. This conference brought together nonwovens associations from Japan, Korea, India, Indonesia, Taiwan, and

various regions in China. Notably, representatives from nonwovens associations in the U.S. and Europe were also invited to participate in this gathering. The conference saw an impressive turnout of nearly 180 industry participants, making it a significant event for the nonwovens industry, particularly in light of the ongoing pandemic.

The resounding success of this event can be attributed to the unwavering support provided by Trade and Industry Department of the HKSAR as well as Hong Kong Productivity Council. It was solely through the support from the government and various sectors that enabled us to successfully organize this conference.

In addition to inviting 12 esteemed experts from the nonwovens industry, the second day of the conference featured a remarkable expert symposium. During this symposium, experts from diverse fields openly shared their perspectives on the utilization of new nano-materials in nonwovens, envisioned the future development of the nonwovens industry, and generously imparted their expertise and knowledge to the engaged audience. The symposium created a platform for fruitful discussions and the exchange of ideas.





## Agenda – 30 October (Day 1)

Time	Activities	Speaker
08:30-09:00	Registration	
09:00-09:30	Opening Ceremony	<p><b>Welcome Speech</b>  <b>Mr PARK Chan Hyouk</b>  Chairman of Asia Nonwoven Fabrics Association (ANFA)</p> <p><b>VIP Speech</b>  <b>Hon Sunny TAN</b>  Legislative Council Member of the Hong Kong Special Administrative Region,  Chairman of Hong Kong Productivity Council</p> <p><b>Welcome Speech</b>  <b>Mr Socrates NG</b>  President of Hong Kong Nonwovens Association (HKNA)</p> <p><b>VIP Speech</b>  <b>Mr Anthony FRAGNITO</b>  President of Association of the Nonwoven Fabrics Industry (INDA)</p>
09:30-10:30	Nonwoven Market Trends after the COVID-19 Pandemic: Asian Economy: Review and Outlook	<b>Mr Bohan ZHANG</b> Economist of Sumitomo Mitsui Banking Corporation (SMBC) –Tokyo Branch
10:30-11:15	Application of High Value-Added Nonwovens Products: Applying Stitch-bond Nonwoven to Automotive Wire-harness Tape	<b>Mr David LAI</b> General Manager of Jhih Cheng Non-Woven Company Limited
11:15-11:45	Break	
11:45-12:30	Introduction to Hong Kong's Nonwoven Industry and its Product Advantages: Application of Nano Technology Invention in Filtration in Hong Kong	<b>Professor Wallace LEUNG</b>
12:30-14:00	Lunch	
14:00-14:45	Development Strategies of Asia's Nonwoven Industry after the COVID-19 Pandemic: Status of the Asian Apparel Industry After the Pandemic	<b>Mr Jonathan OH</b> Senior Vice President and General Manager of Global Apparel Division in Freudenberg & Vilene International Limited
14:45-15:30	Business Sharing from Southeast Asia Market: Current Development of Nonwoven Industry in India	<b>Mr Kanav GUPTA</b> Associate Director of Business Co-ordination House (BCH)
15:30-16:00	Break	
16:00-17:00	Application of High Value-Added Nonwovens Products: Application of Nano Technology in Korea	<b>Mr James KIM Jeong Keun</b> Chief Executive Officer (CEO) of Korea KNS Company
17:00-18:00	New Technology Sharing of Green Nonwovens Filter Materials: The Application of Nonwoven in Industrial Filtration	<b>Dr David HO</b> Chairman of Bright Sheland International Company Limited

## Agenda – 30 October (Day 2)

Time	Activities	Speaker
09:00-09:05	Greeting Speech from EDANA	<b>Mr Murat DOGRU</b> General Manager of EDANA
09:05-09:30	Standard and Certification of High Value Added Nonwovens Products in Different Countries: New Rules and Regulations of Biodegradability in European Unions	<b>Mr Murat DOGRU</b> General Manager of EDANA
09:30-10:15	Application of High Value-Added Nonwovens Products: New Invention in Micro Fiber in Water Soluble Artificial Leather	<b>Mr Dehe YIN</b> Ningbo Hengqide Chemical Fiber Technology Company Limited
10:15-10:45	Break	
10:45-11:30	Nonwoven Market Trends after the COVID-19 Pandemic: Nonwovens Moves to a Sustainable Future	Representative from Association of the Nonwoven Fabrics Industry (INDA)
11:30-12:30	New Thinking and Marketing Promotion Model of Nonwoven Enterprises: Market, Challenges and Opportunities on Air Filtration Materials	<b>Ms Cathy XIE</b> Vice President and Secretary of Board of Director of Chongqing Zaisheng Technology Co., Ltd.
12:30-14:00	Lunch	
14:00-15:00	Nonwoven Market Trends after the COVID-19 Pandemic: How Textile Industry Mingle with Nonwoven	<b>Professor Jinlian HU</b> Director of Laboratory of Wearable Materials for Healthcare in City University of Hong Kong
15:00-15:30	Break	
15:30-17:15	Technical Q&A Session in Nonwovens Nano Technology	<b>1) Mr James KIM Jeong Keun</b> CEO of Korea KNS Company <b>2) Professor Wallace LEUNG</b> <b>3) Mr ZHAO Shu Guang</b> Founder of Shanghai Yun Tong Nanotechnology <b>4) Mr Andy CHU</b> Founder of Graham C (Hong Kong) Ltd <u>Moderator:</u> <b>Mr David YEUNG</b> Founder & CEO Lionrock Batteries Ltd
17:15-17:30	Closing Ceremony	<b>Mr Kazuaki BABA</b> Secretary General of ANFA <b>Mr Socrates NG</b> President of HKNA

## Opening Ceremony

### ANFA Traditional Flag Presentation



Mr PARK Chan Hyouk

President of Asia Nonwoven Fabrics Association (ANFA)



## VIP Speech

Hon Sunny TAN

Legislative Council Member of The Hong Kong Special Administrative Region (HKSAR) and Chairman of Hong Kong Productivity Council (HKPC)



## Opening Speech

Mr Socrates NG

President of Hong Kong Nonwovens Association (HKNA)





## VIP Speech

Mr Anthony FRAGNITO

President of Association of the Nonwoven Fabrics Industry (INDA)



Dr CHAN Pak Li, Bernard, JP

Under Secretary for Commerce and Economic Development of Commerce and Economic Development Bureau of The Hong Kong Special Administrative Region (HKSAR)





## **Topic 1.**

### **Nonwoven Market Trends after the COVID-19 Pandemic:**

### **Asian Economy: Review and Outlook**

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*Speaker: Mr Bohan ZHANG*

*Economist*

*Sumitomo Mitsui Banking Corporation (SMBC) –Tokyo Branch*



Mr Bohan ZHANG

Firstly, Mr Bohan Zhang, an experienced economist from Sumitomo Mitsui Banking Corporation in Tokyo, was invited by the Asia Nonwoven Fabrics Association (ANFA) to present at the conference. His presentation centered around the review and outlook in Asian economy, the challenges and opportunities encountered by the banking industry amidst the pandemic. Mr Zhang's insightful speech laid the foundation and established the overarching theme for the conference. The audiences from the nonwoven industry will have a better understanding of post-pandemic Asian economy after Mr. Zhang's speech and have a better picture of the Nonwoven Market Trends after the COVID-19 Pandemic after his informative speech.

## Topic 2.

### New Technology Sharing of Green Nonwovens Filter Materials:

### Applying Stitch-bond Nonwoven to Automotive Wire-harness Tape

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*Speaker: Mr David LAI*

*General Manager*

*Jhih Cheng Non-Woven Company Limited*



Mr David LAI

Next, we are honored to invite Mr David Lai, General Manager of Taiwan JHIH Cheng Nonwoven Co., Ltd., to deliver a presentation on the application of Stitch-bond nonwoven fabrics in automotive production lines. Stitch-bond nonwoven fabrics are recognized as high value-added products in this field. Stitch-bond nonwoven fabrics are renowned for their exceptional attributes, including remarkable abrasion resistance, effortless tearability, and effective noise reduction. Experts with extensive experience in the nonwovens industry have even expressed their astonishment at the versatile applications of stitch-bond nonwoven fabrics. They eagerly anticipate the value-added advantages that this application can bring, particularly within the transportation and electronics sectors.

### Topic 3.

## Introduction to Hong Kong's Nonwovens Industry and its Product Advantages: Application of Nano Technology Invention in Filtration in Hong Kong

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*Speaker: Professor Wallace LEUNG*



Professor Wallace LEUNG

In order to promote Hong Kong's Nonwovens Industry and showcase its achievements, we have invited Professor Wallace Leung to deliver a presentation on the groundbreaking development of nanotechnology in filtration materials in Hong Kong. Professor Wallace Leung is a passionate advocate of talent development, and the occasion to interact with numerous industry experts in a single location was a rare one for him.



## Topic 4.

### Development Strategies of Asia's Nonwoven Industry after the COVID-19 Pandemic: Status of the Asian Apparel Industry After Pandemic

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*Speaker: Mr Jonathan OH*

*Senior Vice President and General Manager of Global Apparel Division*

*Freudenberg & Vilene International Limited*



Mr Jonathan OH

The morning session of the first day concluded with enlightening speeches delivered by distinguished guests from various regions including Asia, Hong Kong, and Taiwan. The afternoon session of the first day will be dedicated to exploring the international landscape. During this session, Mr Jonathan Oh, Senior Vice President and General Manager of Global Apparel Division at Freudenberg, delivered a vibrant presentation on the development strategies of the Asian nonwovens industry in the post-pandemic era.

## **Topic 5.**

### **Business Sharing from Southeast Asia Market: Current Development of Non-Woven Industry in India**

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*Speaker: Mr Kanav GUPTA  
Associate Director  
Business Co-ordination House (BCH)*



Mr Kanav GUPTA

The conference's attention subsequently turned to India, where Mr Kanav Gupta, Associate Director of Business Co-ordination House (BCH), delivered an in-depth presentation on the development and opportunities within the Indian industry. India is undeniably the most significant global production base, poised to emerge as a pivotal growth hub for both the world economy and the nonwovens industry in the forthcoming years. If nonwovens experts can seize this opportunity, I firmly believe that, as Mr Gupta stated, they can grow together with India, a country full of potential.

## Topic 6.

### Application of High Value-Added Nonwovens Products: Application of Nano Technology in Korea

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*Speaker: Mr KIM Jeong Keun, James  
Chief Executive Officer (CEO)  
Korea KNS Company*



Mr James KIM

South Korea holds a prominent position in the nonwovens industry. During the conference, Mr James Kim, President of KNS, delivered a remarkable speech on the applicability of nanotechnology in the Korean cosmetic market and its potential to enhance the value-added of products.



## Topic 7.

### New Technology Sharing of Green Nonwovens Filter

#### Materials:

#### The Application of Nonwoven in Industrial Filtration

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*Speaker: Dr David HO*

*Chairman*

*Bright Sheland International Company Limited*



Dr David HO

Furthermore, Dr David Ho, Chairman of Bright Sheland International Company Limited, gave an enlightening lecture on the filtration materials used in nonwoven fabrics. His explanation of electrostatic spinning was exceptionally insightful, and it has sparked anticipation for more exciting developments in the future.

## Welcome Dinner

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Furthermore, apart from the conference during the day, HKNA also organized a delightful trip to the seaside, which was thoroughly enjoyed by all participants.

On the evening of the first day of the conference, 150 participants boarded a boat at Golden Bauhinia Square, engaging in lively discussions and admiring the magnificent scenery along both sides of Victoria Harbour. They later arrived at a Spanish restaurant located on the Stanley waterfront, where they indulged in a delightful dinner party. Beyond being an industry gathering, this night cruise effectively transcended national and regional boundaries, effectively showcasing the unique features of Hong Kong. It was a rare occasion to highlight the gathering of friend from worldwide in such an event.



## Topic 8.

### **Standard and Certification of High Value Added Nonwovens Products in Different Countries: New Rules and Regulations of Biodegradability in European Unions**

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*Speaker: Mr Murat DOGRU*

*General Manager*

*European Disposables and Nonwovens Association (EDANA)*



Mr Murat DOGRU

On the following day, in addition to the plenary session of the ANFA Broad Meeting, there were several equally captivating speakers. Mr. Murat Dogru from the European Nonwovens Industry Association (EDANA), enlightened us on the standards and certification of high value-added nonwoven products, specifically focusing on the new EU regulations regarding biodegradability.

Currently, the European Union is dedicated to reducing carbon emissions and has already established a comprehensive timeline for carbon reduction. To better adapt to the constantly evolving landscape of the industry, the Hong Kong nonwovens sector must stay up-to-date with the global market trends.



## Topic 9.

### Application of High Value-Added Nonwovens Products: New Invention in Micro Fiber in Water Soluble Artificial Leather

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*Speaker: Mr Dehe YIN*

*Ningbo Hengqide Chemical Fiber Technology Company Limited*



Mr Dehe YIN

We had the privilege of inviting Mr Yin Dehe, the representative of Ningbo Hengqid Chemical Fiber Co., Ltd., who showcased the application of water-soluble island fibers in the production of artificial leather within the realm of nonwoven fabrics.

Water Reduced Island Fiber is a unique type of island fiber that can be reduced using only hot water, eliminating the need for chemical solvents. This process not only maintains the excellent characteristics of benzene-reduced and alkali-reduced island fibers but also expands their applications across various industries. The water reduced fixed island fiber has the potential to challenge existing technologies and is expected to bring about significant transformations within the industry.

## Topic 10.

### Nonwoven Market Trends after the COVID-19 Pandemic: Nonwovens Moves to a Sustainable Future

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*Speaker:*

*Mr Mark SNIDER*

*Chief Market and Industry Analyst*

*Association of the Nonwoven Fabrics Industry (INDA)*



Mr Mark SNIDER

Although Mr Mark Snider was unable to attend ANFA Nonwovens Conference 2023 in person and share his expertise and experience, he had prepared a video presentation early on about the nonwovens industry towards a sustainable future. The audiences are delighted to have the opportunity to listen to his speech and gained a great deal from it.

## Topic 11.

# New Thinking and Marketing Promotion Model of Nonwoven Enterprises: Market, Challenges and Opportunities on Air Filtration Materials

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*Speaker: Ms Cathy XIE  
Vice President and Secretary of Board of Director  
Chongqing Zaisheng Technology Co., Ltd.*



Ms Cathy XIE

We are privileged to have Ms. Xie Jia, Vice President and Secretary of the Board of Directors of Chongqing Zaisheng Technology Co., Ltd., sharing her insights on the market, challenges, and opportunities related to air filtration materials.

Both the European Union and China have made carbon reduction a key component of their long-term development strategies. As China's advanced manufacturing industry continues to flourish, there is a growing demand for clean air.



Hence, promoting green and low-carbon practices has become the trajectory for future societies. The nonwovens industry, being one of the sectors with significant energy consumption and production, can effectively align with national policies by reducing carbon emissions during the production process and incorporating environmentally friendly materials in product manufacturing.

Chongqing Zisun Technology has achieved a significant milestone by developing an exceptional formula for ultra-fine glass fibers. Not only does it surpass international standards in terms of quality, but it has also obtained certification for being non-carcinogenic, aligning with the harmless requirements set by the European Union.

## Topic 12.

### Nonwoven Market Trends after the COVID-19 Pandemic: How Textile Industry Mingle with Nonwoven

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*Speaker: Professor Jinlian HU*

*Director*

*Laboratory of Wearable Materials for Healthcare*

*City University of Hong Kong*



Professor Jinlian HU

In the afternoon, Professor Hu Jinlian from the Department of Biomedical Engineering at City University of Hong Kong will deliver a speech on the market trends of nonwovens in the context of the COVID-19 pandemic. The presentation will cover topics such as the integration of nonwovens into the textile industry and other relevant aspects.

# Technical Q&A Session in Nonwovens Nano Technology

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## Moderator:

Mr David YEUNG - Founder & CEO Lionrock Batteries Ltd

## Nano Technology Experts:

- 1) Mr James KIM Jeong Keun - CEO of Korea KNS Company
- 2) Professor Wallace LEUNG
- 3) Mr ZHAO Shu Guang - Founder of Shanghai Yun Tong Nanotechnology
- 4) Mr Andy CHU - Founder of Graham C (Hong Kong) Ltd



Technical Q&A Session in Nonwovens Nano Technology

Finally, a panel discussion on nanotechnology for nonwovens was conducted, moderated by Mr David Yeung from Lionrock Batteries Ltd. This session was aimed at providing valuable insights to the audience.

## ANFA Board Meeting

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On the second day morning of the ANFA Nonwovens Conference 2023, ANFA board meeting was successfully held. Over 30 representatives from various nonwoven associations across Asia attended.



Group Photo



## Conclusion

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This event would not have been a success without the assistance of all parties involved. Once again, HKNA would like to thank all the associations and organizations that contributed to this event. On this occasion, HKNA effectively leveraged Hong Kong's intermediary role in facilitating internal and external communications, which proved vital for the event's success.

## Acknowledgments (In arbitrary order)

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Asia Nonwoven Fabrics Association (ANFA)

All Nippon Nonwovens Association (ANNA)

Taiwan Nonwoven Fabrics Industry Association (TNFIA)

Korea Nonwoven Industry Cooperative (KNIC)

European Disposable and Nonwovens Association (EDANA)

Association of the Nonwoven Fabrics Association (INDA)

Business Co-ordination House (BCH)

Indonesian Nonwoven Fabrics Association (INWA)

China Nonwovens Technical Association (CNTA)

Guang Dong Nonwovens Association (GDNA)

The Committee of Filtration & Separation (CFS)

Yangtze River Delta Nonwoven Industry Association (YNIA)

NanHai- Medical and Health Product Association (NH-MHPA)

Hong Kong General Chamber of Textiles (HKGCT)

## Highlighted Photos for ANFA Nonwovens Conference 2023

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