

The 15th Taipei Innovative Textile Application Show (TITAS) will continue to build upon years of experience and in the field of high-tech textile products. In addition to showcasing R&D undertaken by Taiwan's textile industry, one of the most successful suppliers to the global brands around the world, the event also brings together well known brands and buyers.

TITAS is a now a well known international purchasing platform, providing both buyers and suppliers the opportunity to meet and discuss both functional and innovative textiles. Attracting top-tier brands with the latest textile innovations is one of the core values of TITAS.

This year promises to be no different than the past few years, continuing to building upon favorable business opportunities associated with ECFA and other ongoing trade negotiations. Highlighting the fact that TITAS has become an international meeting place, this year will see participants coming from have no fewer than 22 countries with a total of 77 international brands in attendance.

To provide greater detail about the international brands participating in TITAS this year, some of the better known American brands include: Spyder, Perry Ellis, Under Armour, Sherpa, Patagonia, Marmot, Brooks Sports, Chico's, Scott USA, and EXOFFICIO. Brands representing the UK include: RONHILL, Mountain Equipment, Sprayway, Marks & Spencer, Speedo. France is represented by Lafuma, Eider, and Raidlight. Norwegian companies include Helly Hansen and Helsport, while Italy is represented by G.F. Logistica S.r.L., Stella McCartney, Miroglio Fashion Srl.

As for Asia, Australian companies JuicyBear and Kailas will be in attendance with Japan sending Asics and Mont Bell. Korean firms attending include LS Networks, Prospects, Skechers, BLACK YAK, TrekSta, Mountain Hardwear. Vietnam will send Hanoi Textile and Garment Joint Stock, with Hong Kong represented by Jenfaith. And finally, China will be the region best represented with companies ranging from Fashion-Flying Outdoor, Royalway, amongst others.



Participation at TITAS 2011 Hits Record High in 10 Years

Taipei Innovative Textile Application Show (TITAS), organized by Taiwan Textile Federation (TTF) under the auspices of the Bureau of Foreign Trade, Ministry of Economic Affairs of Taiwan, TITAS 2011 will celebrate its 15th anniversary from October 12-14 at Exhibition Hall 1, Taipei World Trade Center. 345 exhibitors with more than 580 booths from 12 nations and regions set a record high participation in the last 10 years of the show. TTF has invited 77 leading brands from 22 countries to visit the show and attend more than 700 business meetings arranged in the event.

Major exhibitors

Major players in Taiwan's textile industry joining TITAS exhibition parade include Formosa Plastics Group (Formosa Chemicals & Fibre, Nan Ya Plastics, Formosa Taffeta and Formosa Plastics), Far Eastern New Century, Everlight, New Wide, Fabric King, Singtex, Da Ai Technology, Tri Ocean, Ho Yu and Taiwan Paiho. The Southern Taiwan Textile Research Alliance along with trade associations for man-made fiber, spinning, wool textile, weaving, knitting, printing, dyeing and finishing, garment, sweater, hosiery, glove, towel and non-woven will also showcase selected new products of their members.

On the international front, delegations from Preview in Daegu and Confederation of Indian Textile Industry are two key group exhibitors. Regular participants including Advansa from Germany, Indorama from Thailand, Shinnagai from Japan and Bros Eastern from Hong Kong will not be absent this year, while Fukui Textile Merchants Association from Japan will visit for the first time. From China, as the tariff reduction arrangements under the early harvest for trade in goods of the Economic Cooperation Framework Agreement between mainland China and Taiwan became effective this year, there will be 69 vendors exhibiting at TITAS. Fujian's textile companies including GaiQi and Federation Sanhe from the Economic Zone on the West Coast of the Strait represent the energetic textile industry in China. Weiqiao from Shandong and Huasheng from Shanghai will be two eye-catching newcomers at the show.

Buyers from brands and retailers

The success of one-on-one business meetings at TITAS has established TITAS as the most effective procurement platform for international buyers. More than one hundred representatives from 77 international brands and retailers are invited to attend the show this year.

Innovative highlights

TITAS is a must-go place for buyers searching for ground-breaking textiles in reasonable price.

This year, Taiwan's textile giants have again outdone themselves with more impressive products. Formosa Chemicals & Fiber will present its star products of high wet modulus rayon staple fiber Formotex[®], PP homopolymer plastic material TAIRIPRO[®] and Sunylon[®] nylon 6 series. Formosa Taffeta will introduce its Trans-Uno[™] series of polyester/nylon one-way moisture-conducting fabrics with both moisture-transferring and water repellent features, as well as Nanodermis[®] series which received very positive responses at Première Vision Paris.

Far Eastern New Century has been endeavoring to turn waste into gold. Its recycled PET bottle polyester fiber TOPGREEN[™] and 100% polyester cooling fiber Topcool+ are expected to catch a lot of spotlight. Selected as one of the top 100 Taiwan brands in conjunction with Taiwan's centenary celebration, S.Café[®], developed by Singtex, is an award-winning textile series made of coffee grounds and in full compliance with bluesign[®] standard from fiber to fabric. New Wide Group will showcase its elastic fabric Lycra[®]Sport and moisture-absorbent and heat-releasing fabric Dri-release. Everlight Group will focus on eco-friendly reactive dyes in natural shades of its Everzol ED series as well as multi-use lamination adhesive EVERECO[®]PUR-206. Da Ai Technology will present its multi-functional recycled PET bottle polyester fiber and Tri Ocean will demonstrate the various usages of its DreamFel[®] fiber from apparel to outdoor upholstery, suitcase and

backpack. Furthermore, the world's largest velcro maker Taiwan Paiho will present its innovative product which is "an encounter of webbing and bamboo charcoal fiber". Fabric King will display its eco-friendly and functional textiles, mainly Primica[®] and PullPushTex[®] series. Specialized in functional fabrics, Elitex Global will bring forward its ultra-light 15D and 30D nylon fabrics which are downproof, water-vapor permeable and windproof. EricTex will emphasize its eco fabric using regenerated material Sorona[®], as well as windproof laminated knitted fabrics. Shuan Jia will feature sports fabric X.Heat which can absorb heat radiation, and highly protective fabric SunLess UPF50+, while Hung's Fortune, another expert in performance textiles, will display multi-color coarse gauge fleece and 3D fleece.



Formosa Chemicals & Fiber

Leads the World with Innovation

At TITAS 2011, Formosa Chemicals & Fiber Corporation highlights its products with diverse developments, including the PP resin that is widely used in making PP fine denier fiber (TAIRIPRO[®]), PP/PE cotton fabric and non-woven fabric. The Formotex[®] is rayon staple fiber with functions of high absorbance of humidity, high stability in size, softness, comfort, bright color and excellent suspension. Another staple fiber is made of 100% natural bamboo. It is excellent in absorbing humidity, permeable and anti-bacterial, suitable for making summer fashion, sportswear, under garments for men and women, towel and bedding products.

Additionally, the Sunylon[®] made of Nylon fiber is Formosa Chemicals & Fiber Corporation's brand. Its latest innovative products include the light-weight and fashionable nylon super fine fiber, suitable for making down jacket; the deep-



dyed yarn can save energy and reduce carbon; the healthy functional nylon fibers such as nano energy yarn and recycled coffee yarn are made through high technology process.

(Booth No. D103)

Seminar Timetable

Date	Venue	Time	No.	Topic	Speaker	Language
Oct. 12	Room # 3	10:00-11:00	1	"TopCool+ [®] " Cool Feeling Polyester Fiber	Mr. Chiang Chao-Yuan / Research Scientist, Far Eastern New Century Corporation	Chinese
		13:30-15:00	2	F / W 12 Youth Culture	Ms. Valerie Wilson Trower / Trend Director Stylesight	English ↔ Chinese
	Room # 5	14:00-17:00	3	International Eco Trend & Co-Branding Presentation of Taiwan's Innovative Eco Apparels	Mr. James Lee / Executive Director DA.AI Technology Co., Ltd.	English ↔ Chinese
				Macro Trends A/W 2012/13	Ms. Maria Janssen / Creative Director WGSN/Taiwan Garment Industry Association	Chinese

FENC

Turns Garbage into Gold

Far Eastern New Century Corporation (FENC) has been applying innovative technologies to develop recycled polyester and biological polyester for a wide range of products.

Cooperating with Coca Cola, FENC manufactures BIO-PET bottles made of "Green EG" extracted from natural plants such as sugarcane via advanced polyester technology. FENC is working with Oriental Union Chemical Corp. on producing Green EG from wasted straws for a multitude of applications.

Oriental Resources Development Ltd., member of the Far Eastern Group, is a leading PET bottle recycling factory in Asia. The TOPGREEN™, a recycled PET textile material developed by FENC is certified by Control Union with GRS.

At TITAS 2011, FENC presents newly developed high value-added industrial textiles and functional fibers.



The sheath-core fiber is worthy of note for its functionality of anti-odor and UV-protection, done by putting high volume of TiO2 into the core part. TopCool+ is the second generation of Topcool with better moisture management via the modified polyester sheath part of the fiber. (Booth No. A723)

New Wide

Introduces New Eco Fabrics
ECO-DYE and DRY RELEASE

New Wide Enterprise has been manufacturing knitted fabrics for more than 35 years. Its textiles have functions including antibacterial and deodorized, moisture transferring and quick drying and cool feel. New Wide was selected as an apparel supplier in Expo 2010 Shanghai China for its innovative fabrics made of cooling fiber FLYCOOL® and DuPont™ degradable Sorona® fiber, and printed through an eco and patented cold transfer printing process called Cooltrans.

At TITAS 2011, New Wide introduces eco textiles with two key features, ECO-DYE and DRI RELEASE. New Wide provides Dri-release® fabrics, which use a patented blending technology of natural and synthetic fibers. Dri-release® fabrics can move sweat and moisture from



the skin, faster than pure cotton and any other performance fabrics, making them a perfect choice for sports and professional wear. (Booth No. A1228)

Taiwan PAIHO

Innovative Cufflink Creates New Fashion

Taiwan PAIHO Group has experiences in ready-to-wear and shoe manufacturing for more than 30 years. The main products of the company include easy tape, touch fastener, elastic, webbing, show lace and pull string, reflective materials and the LACOYA bamboo charcoal clothing that is certified by CAS of Council of Agriculture.

At TITAS 2011, Taiwan PAIHO Group introduces its brand new product, the Cufflink selection. This product has overthrown the traditional technology of making single colored cufflink. The products can replace buttons, suitable for ready-to-wear jackets, all types of caps and hats as well as backpacks. Another new product ID the light and soft jacquard weave webbing. It meets



the requirement of light and thin concept and can directly make logo for identification. (Booth No. D516)

Formosa Taffeta's

Products Highlight the fiber of Formosa Plastics in the Best Way

There are seven textile fibers in Formosa Plastics Group, namely Viscose staple fiber, Acrylic fiber, Elastic fiber, Polyester fiber, Carbon fiber, Polyamine fiber and Polypropylene fiber. All these fibers are used by Formosa Taffeta to manufacture Formosa Taffeta Fabrics, highlighting fibers from Formosa Group.

The Zero Weight10~15D is used in making windbreaker, down jacket and sleeping bag. With nano structure and natural color, *Nanoderma* is suitable for down jacket, sleeping bag and dustless clothes. *Trans-Uno* is fabric with functions of quick dry, suitable for sportswear and summer wears.

BOOMETEX is eco-friendly recycled polyester and nylon fabrics. It can reduce the consumption of energy and emission of CO₂.

In addition to that, Formosa Taffeta presents a special textile treatment technology named coldblack®. This technology is used in the fabric



with functions of retaining warmth and waterproof, suitable for making uniforms for security, fire fighting, military and police. The company also introduces diverse carbon fibers, suitable for sport equipments, bicycles and civil engineering. (Booth No. D103)

Everlight Chemical

Brings in Authentic Eco Natural Shades

Natural palette has become a fashion color focus. However, the traditional dyeing process for natural colors fails quite often due to parameter instability, leading to a waste of dye resources and an increase of wastes treatment cost as well as CO₂ emission. Everlight has launched Everzol CS series, a range of eco-friendly natural color reactive dyes. It can considerably enhance the success rate of the dyeing process while reducing cost and environmental impact.

It also presents EVERECO® series at TITAS 2011. EVERECO® series can be used as auxiliary to improve the light fastness of textiles as well as adhesives for medical textiles and optoelectronic materials. Everjet, the reactive ink series for digital textile printing, is another highlight. It can



transform the traditional printing process into one that is more hi-tech, more eco-friendly, more efficient and more colorful. (Booth No. A1730)

DreamFel®

A Dream Come True

Established in 1968, Tri Ocean Textile focuses on researching and developing textiles incorporating function and eco-friendliness. DreamFel®, a polypropylene fiber developed by TriOcean, which is an innovative, functional and green fiber with the features of light-weight, easy to clean and quick drying.

DreamFel® is made via solution-dyed process, therefore low energy-consuming and least polluting to the environment. The fiber does not hold moisture but can retain heat for a longer time. The user can feel warm and dry after vigorous physical activities. It is the priority choice for textile material by the U.S. military in polar regions.

DreamFel® can be used as fabric material for underwear, diving suits,



ski clothing, socks and gloves. It is an ideal material for outdoor furnishing textiles, suitcase, backpack, etc. (Booth No. A1709)

SINGTEX®

Chosen as Top 100 Taiwan Brands

SINGTEX® Industrial is a leading eco-friendly and functional textiles supplier in Taiwan and distributes to the world under the brand SINGTEX®. It has won the Taiwan Excellence Award for two consecutive years and was just chosen this year as one of the "Top 100 Taiwan Brands", a prize to celebrate Taiwan's 100th anniversary.

SINGTEX® has been working with the bluesign® to decrease the environmental impacts from the dyeing and finishing process since 2008. It's outstanding composite fiber, S.Café®, is functional and eco-friendly by adding recycled coffee grounds into its materials. This year, S.Café® has won the Gold Medal Award of Merit and the



Special Prize at INPEX, Pittsburgh. (Booth No. D801)

DA.AI

Seeking 100% Green Textiles

DA.AI Technology stands on the ground of Taiwan and looks out to the world with its global perspective. From raw materials to production process, DA.AI Technology adheres to obtaining its materials from eco-friendly resources and making its products via least polluting process.

DA.AI Technology's eco textile products are made with recycled polyester from post-consumer PET bottles, a process reducing 60% of energy consumption and 30% of carbon emission compared to the one using virgin polyester.

DA.AI's products have obtained the Global Recycle Standard (GRS) certification by Control Union. To meet



a wide range of end use, its products provide a variety of functions including sweat wicking, water repellent and anti-electromagnetic wave. (Booth No. D807)

Shiuan Jia

To Present Highly Protective Fabrics at TITAS

Shiuan Jia specializes in supplying functional, health and comfortable textile products in the market. Its representative products include Tenmous, a composite functional fiber for underwear, casual wear and workout wear; Dry Reverse wicking fabric, an anti-permeation and quick drying fabric made via patented technology, X. heat absorbing fabric, a thermal fabric suitable for sportswear and casual wear and YOSZ Socks, a healthcare product using Toyobo's

high-tech fiber to prevent athlete's foot.

At TITAS 2011, Shiuan Jia will introduce SunLess UPF50+, a UV protection and heat dissipation fabric. By incorporating high volume of anti-infrared nano-mineral powder into its irregular cross section fiber, the fabric is moisture transferring, x. heat isolating, breathable and quick drying, making it an ideal protective fabric for outdoor sports and active wear. (Booth No. D617)

Fabrics King

Offers a Variety of Hi-Tech Functional Textiles with a Green Mind

Fabrics King provides diverse functional textile products. The EcoTex collection such as EcoTyx-BD, fabrics biodegraded in soil after use and becoming nutrient to plants. The ClixMax is soft, waterproof and permeable. The Ultra lightweight windproof weighs only 15D. The ESSE/Electa is high performance fabrics with various surface effects including double-faced, grid and flocking.

PuLPuShTex® is moisture transferring, quick-drying fabrics to keep the skin dry and clean. Another is the Primica®, which is a thin and lightweight fabric combining eco-friendly digital printing technology and LED material. (Booth No. A1124)



ELITEX

Focuses on Ecology Function and Safety

Elitex specializes in providing comprehensive and integrated services to clients worldwide. While focusing on fashion and function textiles, Elitex is also a bluesign® certified marketing partners for its customers, endeavoring to optimize energy consumption efficiency and minimize carbon footprint by adopting eco-friendly production process.

At TITAS 2011, Elitex highlights its various products. The Ultra light weight nylon fabric suitable for jackets, light sleeping bags and snow suits. The Stretch fabric is spandex and mechanical stretch fabric with soft touch, excellent stretch effect and high



recovery rate. It is suitable for yoga clothing and active wear. The Eco-function material is recycled PET bottle polyester fibers and made via non-toxic process for safety. (Booth No. A1216)

Hung's Fortune

Distributes Functional & High-Performance Products Worldwide

Hung's Fortune International (HFI) is fully committed to the development of the most advanced functional and high-performance textiles with the highest quality.

HFI is an expert in performance textiles, both woven and knitted. It works with partner mills to meet the diverse demands from its clients worldwide. Offering a wide range of outdoor fabrics with functional, sustainable, and sportswear textiles.

Its Outerwear fabric is with 2, 2.5 or 3.0 layers of breathable coating and lamination. The Softshell is windproof lamination. The Eco textile is recycled PET polyester fabric such as wovens/ knits, recyclable PET membrane; PFOA/PFOS free textile, solution dyed fabric, corn based textile, biodegradable textile, etc. (Booth No. A1625)



EricTex

Seeking for Textile Functionality and Eco-friendliness

Over the years, EricTex has been devoting itself to the development of a wide range of value-added fabrics including technical, ultra light weight and sustainable eco-friendly fabrics. It has won the recognition from customers mainly in European and American markets.

EricTex offers high performance fabrics such as ultra light weight, highly water proof and breathable, quick dry and ultra thin fiber, to be widely used mainly in outdoor gears including down jackets, ski wears, raincoats and sleeping bags. Sustainable eco-friendly fabrics have also become the company's core products. The company obtains the certificate of bluesign® from Swiss in 2011, which allows it to achieve in developing higher quality for eco-friendly fabrics. (Booth No. A1106)

