

provides bones with added strength under high impact loads. Until now, a lack of scalable "bottom-up" approaches by researchers has stymied their ability to use smart tissues to create advanced functional materials. Professor Melissa Knothe Tate, Paul Trainor Chair of Biomedical Engineering at UNSW, said her team had for the first time mapped the complex tissue architectures of the periosteum, visualised them in 3D on a computer, scaled up the key components and produced prototypes using weaving loom technology. "The result is a series of textile swatch prototypes that mimic periosteum's smart stress-strain properties. We have also demonstrated the feasibility of using this technique to test other fibres to produce a whole range of new textiles," Professor Knothe Tate said.

Casablanca to host Morocco Home Fair in February

Buyer delegations from across the world will be attending the third edition of the Morocco International Home Textile Fair that will take place in Casablanca, North Africa from February 24 – 27. National and international companies will promote their skills to form new partnerships with various international brands that will attend the fair. Pyramids Group Fair and Expotim are organising the Morocco Hometex. Items like bed linen, curtains, bath textiles, upholstered furniture, kitchen textiles and more will be exhibited at the event. "Thousands of professional buyers come together at Morocco Home along with our Buyer Delegation Program from our target countries such as Italy, Spain, Qatar, Gambia, Ghana, UAE, Egypt, Nigeria, Liberia, Senegal, Kuwait, Guinea, Jordan, Algeria, France and Tunisia," said the organizer. Exhibitors from countries like Turkey, Morocco, Egypt, USA, Portugal, Greece, Italy, China, Pakistan and India had attended the second edition of the fair. Over 12,308 local and international visitors from West Africa, North Africa, Middle East and Gulf Countries, European countries such as Italy, Germany, Spain, Portugal, France, Belgium, Greece, Netherlands, England and America had attended the Morocco Style Fair that was also held in Casablanca.

Over 70,000 trade visitors participate in Heimtextil 2017

Close to 70,000 trade visitors from across the world attended the recently concluded Heimtextil 2017, the leading trade fair

for home and contract textiles in Frankfurt, Germany. A total of 2,963 exhibitors from 67 countries presented their new textile products and designs and growth was driven primarily by Brazil, China, UK, Italy, Japan, Russia, US and UAE.

"The figures speak for themselves - Heimtextil grew once again in 2017 in terms of its visitor and exhibitor numbers. I am especially pleased about the high quality of the products exhibited as well as the intensity of discussions between purchasers and exhibitors. Frankfurt is the international meeting place and beating textile heart of the interiors industry," said Detlauf Braun, CEO of Messe Frankfurt.

Visitors consider the sector's economy to be in a better place even than last year. Visitors from Germany in particular consider the situation to be good. "The feedback from our visitors was thoroughly positive and we were able to acquire both export and domestic contacts. We will be leaving this Heimtextil with a good feeling and look forward to returning next year," said Andreas Klenk, CEO, Saum & Viebahn.

A great interest was shown in textile design at the fair along with the feel of a material. The colourful fabrics and varied designs by well-known designers and young talent were very popular and attracted a lot of attention. Exhibiting companies also used the creative hotspot to acquire new designs for their upcoming collections.

"We can also confirm the trend towards more materiality. We have seen an increased interest from visitors in our new fabric collections. The quality of visitors was very high. We met very high-quality, good international purchasers and excellent potential new customers. We are therefore very satisfied with our attendance at Heimtextil," said Andreas Zimmermann, CEO Zimmer + Rohde. Numerous innovations were also seen in the bed segment. At the sleep campaign stand, visitors and exhibitors alike were able to inform themselves about the four things that can influence sleep. Heimtextil will continue to focus on the topic of sleeping over the coming years, said the organiser. "Visitors primarily came from the Middle East, China, the eastern European region and Scandinavia. We also enjoyed intense discussions with American and German customers. This is also the great strength of Heimtextil. You've can shake hands with the world here. It is not just about sales, but also communication and establishing relationships or simply getting direct feedback on our products," Robert Kocher, European CEO of Mediflow.

The next Heimtextil, international trade fair for home and contract textiles, will take place from January 9-12, 2018 in Frankfurt.

are showing the Monna Lisa printer, the digital textile printer revolutionising the textile printing market, at Heimtextil 2017, the trade fair for home and contract textiles, in Germany, from January 10 to 13, 2017.

The three companies will be at Heimtextil to show the Home Textile and furnishing market digital printing on fabrics using high-quality pigments with a low environmental impact.

The Monna Lisa is the result of more than a decade's partnership between the three companies. It is a production digital printer with proven piezoelectric inkjet Epson technology.

The Monna Lisa's success is due to several factors. Not only is its quality and reliability crucial, and the printheads, inks and mechanics unique, continuous research ensures its excellence. Based on the numbers of Monna Lisa units installed worldwide, Epson estimates that in 2015 approximately 900,000 square metres of pigment printed fabric was created (40 per cent increase compared to 2014).

Shima Seiki to exhibit at Première Vision expo

Shima Seiki, a leading manufacturer in the computerised flatbed knitting machine industry, is set to exhibit at the Première Vision show in New York, the global textile event for fashion professionals that include weavers, leather producers, accessories companies, designs studios and manufacturers, to be held on January 17.

The company will participate in the new "Manufacturing" area dedicated to technical and logistical manufacturing solutions as sole machine technologist with a machine exhibit. Given current conditions in garment manufacturing especially in the US, Shima Seiki's proposals at Première Vision New York should be of timely significance.

Texworld Paris begins Feb 6 with 730 exhibitors

The 40th Texworld Paris show begins February 6-9, 2017 with 730 exhibitors, with this number showing an increase, particularly due to the return of previous exhibitors, who missed several recent shows. Turkey, with 87 exhibitors, remains the second most represented country after China, followed by South Korea with 71 exhibitors and India with 53 exhibitors. Taiwan with 26 and Pakistan with 19 bring up the rear of the top five exhibiting countries. In addition the 2017 edition will also see companies participating from new countries.

Elite, a segment dedicated to customised solutions will see 21

exhibitors, a majority of whom played a key role in setting up this zone, for specialist offers that are adapted for European markets.

Texworld will also host the Frankfurt Style Award, an international fashion competition to promote young designers. There will also be a series of lectures discussing the latest developments in the sector, catwalk shows and the Trends Forum.

Fujitsu develops its smallest ever UHF RFID fashion tag

Innovative technologies and front end solutions developer Fujitsu Frontech North America has developed their smallest UHF RFID tag for high fashion apparel and accessories. The WT-A433L washable UHF RFID tag is 33 per cent smaller than its predecessor, the WT-A522L UHF RFID tag with improved washing durability, while also being virtually undetectable.

According to the company, unlike most garment RFID tags, the WT-A433L tag is made from transparent materials and is virtually invisible when sewn into clothing or accessories.

"So, even though the WT-A433L UHF RFID tag is virtually undetectable when installed in the sheerest of garments, it provides positive identification of an item even if the sales tags have been removed," it informed.

Measuring only 37mm x 10mm x 0.3 mm, the mini tag can easily be sewn into hems, seams, or under manufacturers' labels and is home-wash, dry-clean, and ironing safe.

"Fraud and counterfeiting in high fashion apparel are on the rise. Attaching the Fujitsu Fashion tag mini in high-value garments and accessories can provide positive confirmation of an item's authenticity and also help reduce incidents of fraud", said Randy Fox, vice president of sales and marketing, Fujitsu Frontech North America.

Australian Scientists Just Made 'Smart Fabric' That Mimics Bone Tissue

UNSW biomedical engineers are ready to produce prototypes after successfully weaving a bone tissue periosteum-mimicking "smart fabric" for use in medical, safety and transport fields. They're talking protective suits that stiffen under high impact (think skiers, racing-car drivers, astronauts), intelligent compression bandages for deep-vein thrombosis that respond to the wearer's movement, and safer steel-belt radial tyres. But the long term goal? To weave new body parts. Periosteum is a soft tissue sleeve that envelops most bony surfaces in the body, and the arrangement of collagen, elastin and other structural proteins give it amazing resilience and



World Textile News

McMaple launches new rayon fabric for garments

McMaple Textile Company, a leading rayon and viscose fabrics company, has launched a new rayon fabric that is perfect for garments. Available in black and red colours, the new product is plain woven with density 68*68, yarn count 30*30, width 63", and weight 127g. The company has also launched a new printed dress material woven rayon fabric.

The new printed dress material has classic chic pattern that make the colour of hair and skin look more elegant and stylish. Designers' favourite from New York to Paris, this fabric has yarn count 45*45, density 100*80, width 142 cm and weight 110-115g.

McMaple rayon and viscose fabrics are highly absorbent with superior drapability and dye ability, stated Wen Wei, technical manager for McMaple. "It is ideal for the hot and dry weather environment apparel, from dresses, tops to shirts, and this rayon fabric is completely opaque."

McMaple is also helping the fashion industry to take first-mover advantages with its digital printed rayon fabrics. McMaple has launched the new digital printing technology which enables garment manufactures launch a new product in a short time through creative idea, prototype to bulk production.

Compared to dye printing, digital printing has a higher productivity, the printing quality is more steady and robust, and can also produce small quantity products in a quick time for prototype and bulk production.

McMaple utilises the digital printing technology to print more customised patterns and colours.

Exhibitor numbers jump 16.5% at Yarn Expo Spring 2017

The 2017 spring edition of Yarn Expo which will be held March 15–17, 2017 in Shanghai will see number of exhibitors jump 16.5 percent to 360 participants compared to 309 in the prior edition. Resultantly, floor space at the yarn trade show is also surging by 20 per cent to 18,000 sq metres as against 15,000 sq metres in the 2016 edition. These exhibitors will be showcasing natural and blended yarns including cotton, wool, flax, regenerated flax, silk, as well as specialty products like elastic and fancy yarns.

Among product zones, after the debut edition last spring, the Fancy Yarn Zone will see exhibitor numbers double this year, hosting around 40 companies showcasing their latest collections of creative fancy yarns.

Other product zones to be organised at Yarn Expo include Colourful Chemical Fibre Zone, Natural Cotton Zone, Quality Wool Zone and Green Linen Zone, where over 210 Chinese exhibitors will exhibit a wide range of innovative fibres and yarns, such as nylon, viscose filament and renewable, recycled fibres, etc.

Yarn Expo will be held concurrently at the same venue with four other textile fairs like, Intertextile Shanghai Apparel Fabrics, Intertextile Shanghai Home Textiles, PH Value and the China International Fashion Fair.

Epson displays Monna Lisa printer at Heimtextil 2017

Epson, a pioneer in digital printing technology, and For. Tex. and F.lli Robustelli, that are now part of the Group,

the gold and the silk is the work that comes on top, so when stepped on, the gold remains untouched, Dr Ghanbarinia said.

Iranian handicrafts on display at Malaysian exhibit

A wide range of Iranian handicrafts such as woodworks, illuminated manuscripts, as well as hand-woven carpets and rugs are on show at the 2nd Kuala Lumpur International Craft Festival (KLICF).

Of Iran's three stalls, one is run by the cultural attaché office in Kuala Lumpur and two by the private sector.

In a speech during the opening ceremony of the exhibition, KLICF Director Zuraida Othman expressed hope that the exhibit would attract some 30,000 local and international visitors.

A total of 450 artisans and entrepreneurs from about 30 countries have come together in the four-day event, which started on November 24.

Amongst the participating countries are Argentina, Azerbaijan, Czech Republic, Egypt, Ghana, Hungary, India, Indonesia, Mexico, Pakistan, The Philippines, Sri Lanka, Thailand, Turkey, United Kingdom, and Uzbekistan.

Organized by Malaysian Ministry of Tourism and Culture, the exhibit also includes food sales, local-band performances and other interactive sections.

With "Crafts Unite People" as its theme, the exhibit conveys the message that handicrafts can lay the groundwork for further understanding and tolerance in the global community.

Over the past couple of years, dozens of Iranian handicrafts have gained the UNESCO Seal of Excellence. For instance, in 2010, a total of 65 handicrafts on various themes including enamel, tile, metalwork, leatherwork, wood carving received the privilege.

Iran self-sufficient in production of 5 essential agro products

Head of the Agricultural Research Organization Eskandar Zand said, 'We have attained full self-sufficiency in production of majority of essential seeds like wheat, barley, cotton, corn and rice and researchers are hard in efforts to make the country needless of import of other

seeds.'

Zand told the 1st National Festival of Iranian Farmers and the 31st Session to Introduce Exemplary Farmers that self-sufficiency in wheat production was 15 percent dependent on the type of the seeds used.

He said per Economy of Resistance Project of Ministry of Agricultural Jihad, Iran has been able to raise farming products to 117 million tons from 93 million tons in the past three years.

Western province exports over \$75m goods in 9 months

Some \$75,599,000 worth of products have been exported from Chaharmahal and Bakhtiari province abroad during the current Iranian calendar year (started on March 20, 2016), a local official said.

Siavash Nazari who works for the Industry, Mine and Trade Organization in this western Iran province told that exports from the province showed about 17.6% rise compared with the same period last year.

He said the province targets \$102m worth of non-oil this year. 'Exported products consisted of home appliances, almond, plastic artifacts, dairy products, livestock and poultry food, steel artifacts, oil seeds, tile, carpet and cast iron dishes which were exported to the US, Central Asia, the Netherlands and Turkey,' he added.

Iran resumes carpet exports to US

Head of Iran's National Carpet Center Hamid Karegar said on Sunday that Iran resumed carpet exports to the US in the wake of the Joint Comprehensive Plan of Action.

He made the remarks in a meeting with Gazvin Governor General Fereydoun Hemmati.

Karegar put the value of carpet exports to the US at 50 million dollars, which was zero last year.

Noting the carpet exports to China have also increased in recent years, Karegar said that over the past five year, carpet exports to the country surged to eight million dollars from 8000 dollars.

The official further noted that sanctions affected the carpet exports but in the wake of implementation of JCPOA, the exports made surge, he said. Iran's carpet industry dates back to 3,000 years ago and currently, one million artists are engaged in the industry, Karegar said.

Iran Textile News

Iranian handicrafts on display at New Delhi exhibit

Iranian handicrafts on display at New Delhi exhibit
The Exhibition and Workshop of Iranian Crafts opened its doors to the public at Dilli Haat, an open-air craft bazaar in New Delhi.

The 2-week-long event is introduced to celebrate 60 years of Indo-Iran cultural agreement as it embraces variety of workshops, meetings, and live performances as well.

Amongst attendees to the opening ceremony were Indian Union Textile Minister Smriti Zubin Irani, Council for Cultural Relations Director Amarendra Khatua, Iranian Ambassador to India Gholamreza Ansari and some craftspeople from both nations.

The exhibit bears a range of Iranian handicrafts such as woodworks, illuminated manuscripts, miniatures, textile printings, enamels, handwoven products. It also includes calligraphy works and sculptures.

Over the past couple of years, dozens of Iranian handicrafts have gained the UNESCO Seal of Excellence. In 2010, a total of 65 crafts on various themes including enamel, tile, metalwork, leatherwork, wood carving received the privilege.

Valued at Dh5m, this carpet has 4.2kg of gold

A Persian carpet carrying 2,500 years of history and

4.2 kilograms of gold has been holding the spotlight at this year's Carpet and Art Oasis, one of Dubai Shopping Festival's (DSF) main attractions for the last 22 years.

Once rolled out on the floor of the exhibition, the Dh5-million handmade carpet, made of pure silk and gold, will make you think twice before stepping on it.

"It took seven-and-a-half years for six men to make it. If one person worked on it alone, it would have taken a lifetime," said Dr Afshin Ghanbarinia, vice-chairman of Heritage Carpet who produced the 6x10-metre rug.

The three-dimensional masterpiece, roughly the size of a squash court, is one among 200,000 rare handcrafted silk and wool carpets, worth around Dh2 billion featured at the exhibition organised by Dubai Customs.

Ahmad Mahboob Musabih, director of Dubai Customs, toured the event site and said that the Oasis has played a major role in adding colours to DSF, attracting more visitors and promoting Dubai as a major trade and tourism hub.

"The first week of the event attracted more than 5,000 visitors while 300 carpet items worth more than Dh5 million were sold during this period," he told reporters. Speaking further about his Dh5 million carpet, Dr Ghanbarinia said: "This particular carpet captures the rich designs and art of Persia. There are more than 800 colours in it and 2,500-year-old art," he explained.

A close look at the carpet shows the type of flowers used. "Some are fictional flowers from the Safavid Empire and another flower, for example, represents a symbol of life and goes back to 1,500 years."

Delicately woven, the base is the part that contains

Moreover we are extremely strong in PP industrial yarn processes. For instance, thanks to our patented process we can offer PP spinning lines able to reach tenacity values up to 9 g/den for counts in a range of 500-2700 dtex with 5-7 dpf.

4- The importance of woven carpet industry in Iran is high what are your expectations for PP and PET BCF yarns in the future? Do you think BCF yarn can be an important alternative for acrylic fiber for coming years?

At the end of the day the customer buying the carpet decides on the future of Iran's carpet industry. And we all hope that in a couple of years customers are not only located in Iran but all over the world. Look at the strong countries in this area: the US, Turkey, Belgium, Italy and now even China – they all rely on exports. So this is the logical development for the carpet industry in Iran too.

A main pillar is the BCF business in those countries. Because BCF yarns are both cost-effective and well suited for even high-quality carpets. The BCF process itself has several advantages.

Firstly it is a one-step process whereas carpet yarns made from acrylic staple fibers require 2 separate production steps. Secondly spinning acrylics is a far less eco-friendly process than spinning BCF yarns. And, finally, acrylics have a lower resistance and resilience than PA, PP and PET filaments. Therefore the world's acrylic fiber production is steadily declining.

In our view Iran's best choice is to fully embrace the opportunities of modern

BCF manufacturing. The country's long tradition in carpet production is a good starting point for serving the broad range of customer needs from stylish silk carpets to contemporary tufted or woven qualities from BCF fibers.

5- Specifically can you tell our readers which capabilities Trützschler machinery has to improve the specification of BCF yarns. For instance, what choices have producers to make yarns with higher resilience factor?

A carpet's resilience against wearing is governed by the yarn's count size as main factor and the carpet construction. So one should bear in mind the carpet's end use and then carefully select yarn and the right structure. These are decisions of the carpet producer.

What matters for the yarn producer is the BCF yarn's bulkiness level that can be reached in the spinning/texturing process. A bulky yarn, even if it is a fine yarn, will increase the covering factor by inducing a better resilience of the final product.

In this regard, Trützschler's HPC is the leading texturing technology. HPC jets produce intrinsically bulkier yarn than other traditional BCF texturing technologies such as lamellas. After crimp fixation on the cooling drum a correct set-up, with paying particular attention to the drawing step, gives the yarn the required strength.

6- Some of Iranian carpet suppliers already used POY texturized yarns instead of BCF polyester yarns in PET carpets,

would you please tell us the advantages of using BCF yarns comparing to POY considering to technical and economic aspects.

BCF process is a one-step process while the approach with POY will require a second step in order to draw-texturize the POY and eventually a third step for plying the yarns. So, first advantage is the smaller number of machinery involved and hence savings in space and handling costs.

A further advantage of a single step process is the higher production speed that can be reached: we spin-draw-wind up to 3'500 m/min from 500 dtex up to 3'600 dtex while a 2- or 3-step process is made of high speed for the POY and then significantly lower speeds for the draw-texturizing and eventually even lower for the plying operation to reach the required count. And, last but not least, yarn quality in the BCF process is higher because there is only one handling and winding step.

7- Compared to other countries the carpet industry in Iran concentrates more on very fine woven carpets. There is a new wave of 1200 reeds carpet which needs very fine yarns with low denier fibers. Would you please tell us if your technology has any solutions for producing very fine BCF yarns suitable for 1200 reeds carpets?

Our BCF lines can produce any type of polymer (PP, PA, PET and R-PET) from 500 dtex up to 3'600 dtex in a range of dpf from 2.5 up to 40.

making machines, allows customers to source complete lines for wet-laid and hydro-entangled nonwovens from a single source.

In 2015 the 50'000th card was delivered. Trützschler is now present in more than 10 countries with manufacturing activities and service centres.

As said, Trützschler Switzerland AG was founded in November 2012, by acquiring employees and know-how of the former SwissTex company. The SwissTex company was founded in 2007 after Rieter group dismissed its activity in the area of the continuous filament yarn. Rieter started this activity in 1987 and sold worldwide about 2'500 ends, and most of the plant are still running.

Trützschler acquired only the employees and the know-how from the Swiss company. It means that we as Trützschler do not have any responsibility for the very unpleasant situation for the customers that was generated by the misadventure of this Swiss company.

We consider Iran as a strategic market for all our products and we want to address all our experience and know-how to our customers and potential customers in this area.

We can propose solutions to the customer needs based on the local expectations. In this direction we move to consolidate our relationship with our existing customers and to inform everybody about our possibilities.

2- We informed Trützschler wants to held professional seminar for BCF and IDY In Tehran next month (6th of December 2016) please let us know your more about your

goals to hold that?

Trützschler's core competence can be summarized as : "Getting fibers into shape" which is a challenge for us and a promise to our customers. Therefore we need to be competent along the complete process chain, whatever the fiber and the end-product is: for example we need cotton and man-made fiber competence for making nonwovens and PA, PET, R-PET and PP knowledge to make BCF or IDY yarn.

We are convinced that we have to know our customer in order to support him best. Each customer has individual requirements and ideas what the shape of his fibers should be. The Trützschler way is to establish a close relationship, a kind of partnership. Then we meet and discuss all the aspects that are part of the entire process chain. Together we come up with the best possible solution for this individual investment.

Concerning the BCF and IDY market in Iran, we acknowledge the present difficult international situation, but we want Iranian producers to participate to the latest technical developments to improve business for this very traditional sector of Iran.

We want to share our expertise, because we are convinced that being partner will pay off for both sides.

3- Please tell us some of the most important advantages which Trützschler has comparing to other BCF technologies considering the technical and commercial aspects.

Trützschler believes in individual solutions. It is the only company that

offers 3 BCF extrusion processes based on 2, 3 and 4 ends. This flexible design makes us unique. Our solutions always target the customer requirements and is based on our international and long time experience in this textile area.

Moreover, the Trützschler BCF spinning lines offer two extremely sophisticated and proven technologies for the texturing unit and for the draw process. Our HP texturing technology is a lamella-free, low energy and high crimp device. "HP", standing for High Performance, makes the texturing zone maintenance free and long lasting for more than the usual year of guarantee.

For the draw rolls, the rolls involved in the drawing of the yarn, we have adopted the heat pipe principle. Our lines feature dual shell draw rolls which are heated by a very sophisticated system in less than a minute and in an absolutely uniform way.

Our long draw zone makes sure that any type of polymer can be correctly drawn without generating unexpected defects such as broken filaments and breaks during the process.

Last but not least we have to mention our winding technology for 2 and 3 ends which is completely designed and produced in house, without involving any third party supplier. The winder is a crucial unit because both high-quality yarn and high-quality bobbins are needed for success. If you have the winder, you have the process and the end-product.

Yes, we are competing with big names such as Barmag, Neumag and Teijin. There is no absolute winner in all disciplines but we can honestly say that we are considered the benchmark for Polyamide BCF and industrial yarn applications.



Aim to customers' needs

Interview with Dr.Lassad Nasri - Trützschler Group head of Technology

1- Please introduce Trützschler Group and Trützschler Switzerland briefly and explain your plan and strategy for develop your position in Iranian BCF & IDY business.

Trützschler is acting in the market for more than 125 years. Trützschler Group is a family owned group of companies that was founded in 1888 in Crimmitschau, Saxony in Germany. Trützschler at that time was focused on carding willows and tearing machines and in general in all the spinning preparation machinery for cotton fibres.

The history of Trützschler is marked by the loss of the company after the Second World War and its re-establishment in Mönchengladbach in 1947 by Hans and Hermann Trützschler.

A new start was made possible by mainly West German customers who trusted the company with their orders. In-house developed electrical system controls were introduced in 1957 and 6 years later Trützschler introduced the first pneumatic feeding unit for cards. It was 1967 when the first card left the

company. From that time on Trützschler established a large customer base and focused mainly on its successful spinning preparation program. During the seventies the company started expanding and established new subsidiaries in Charlotte, USA and then in Curitiba, Brazil and Ahmedabad, India.

The fourth generation of the family took over in 1991 and during the nineties, Trützschler was already considered as the state-of-art for the automatic can and bale transportation.

The development of the cards continued with the introduction of the first timing belt instead of the high-maintenance chain for the flat drive.

In 1997 the 3,000th card was delivered and in parallel new high technological devices were added to this product with for example the first optical detection system of foreign parts.

In 2002 Trützschler Textile Machinery was opened in Shanghai and in 2003 Trützschler group expanded its supply program with the production of draw frames and card clothing with the acquisition of Hollingsworth. A

new company was then founded in Neublach, TCC.

With the acquisition of shares of ERKO group, in Dülmen, Germany and Fleissner company in Egelsbach, near Frankfurt am Main, Trützschler started intensifying its activity in the area of nonwovens and man-made fibres.

It was 2010 when Trützschler finally established a new division combining the activities of Fleissner and ERKO.

The opening of the company's second Nonwovens Technical Centre in Dülmen is dated 2011. Taking over employees and know-how of Bastian winder Technology and longitudinal slitters, today allows Trützschler to offer complete nonwovens lines.

The foundation of Trützschler Switzerland AG was laid with the acquisition of the product range of former SwissTex in Switzerland in 2012. The product program comprises complete spinning lines for the production of both industrial/technical yarns and BCF yarns for carpets production.

In 2013, the cooperation with Voith-Paper, expert in wet-laying and paper-

DOMOTEX asia/CHINAFLOOR 2017 presents “Luxury Brands”, the exclusive event for international hand-made carpets labels.

The carpet sector will occupy once again center stage at the next edition of DOMOTEX asia/CHINAFLOOR with 5 halls hosting everything from hand-made carpets, wall-to-wall carpets, carpet tiles, woven and machine-tufted carpets, mats, carpet raw materials to latest carpet technology.

“In recent years, the carpet and rugs market, has shown substantial growth due to the rising urbanized population, demand for modular carpets and resurgence of the construction industry in developing economies. The residential market will remain the leading end user for carpets and rugs even though the non-residential market is also growing thank to the rising investment in offices, commercial and institutional construction. In the last few years more and more consumers are also willing to spend money on bringing about aesthetic improvements to their homes or office spaces and this condition is creating a favorable environment for the development of luxury carpets and rugs industry.” explains Mr. David Zhong, President of VNU Exhibitions Asia, one of the organizers of the shows.

Following the industry trends, the next edition of DOMOTEX asia/CHINAFLOOR 2017 will host Luxury Brands, an exclusive carpets event brought together in collaboration with COVER magazine.

The display will feature a curated selection of high-end hand-made carpets from an exclusive list of international rug brands. Companies that have already confirmed their participation to this exclusive showcase are: Amadi Carpets, Ariana Rugs, Art Resources, Ayka Design, Creative Matters, Knots Rugs, Samad, Tissage, Wool & Silk Rugs and Zollanvari. The Luxury Brands area, located inside cadex, the design platform of DOMOTEX asia/CHINAFLOOR in W5 Hall, will have a very special design and will be open only to rug buyers, distributors and VIPs.

“Luxury Brands is the perfect platform for a Chinese audience to see some of the best high-end hand-made rugs brands we have been celebrating in COVER magazine in recent years. The carpets on display will be the best examples of their type and will surely create a buzz at the show. The event will enhance the hand-made rug displays for 2017, offering visitors to DOMOTEX asia/CHINAFLOOR even greater scope in flooring.” says Lucy Upward, editor of COVER.

COVER and DOMOTEX asia/CHINAFLOOR wish to bring a selection of the best Western brands to the Chinese market with a range of companies from Asia, Europe, America and

Canada. Each firm will bring two of its recent high-end hand-made rug designs to dazzle the DOMOTEX asia/CHINAFLOOR visitors.

Through the Luxury Brands event Asian buyers will be given access to the brands that are proving successful within rug industries in the West while the featured companies will be offered opportunities within the thriving market in China and Asia.

“It is an honor to show our designs alongside some of the top designers in our industry. We are always looking to expand in new areas and regions of the world.” Erbil Tezcan, Wool and Silk Rugs

“China is a new and important market for us; we have long been an admirer of their pioneering approach to design. They are open to exploring new trends and the variety of design they have is very inspiring. The country has a very creative scene happening at the moment so it’s an exciting time for us to be part of this growth. It allows us to create new designs especially for China with our own contemporary aesthetics with a respect for traditional heritage, materials and craftsmanship.” Michelle Evans, Ayka Design

Luxury Brands will definitely be a must-see event at DOMOTEX asia/CHINAFLOOR in March 2017.

DOMOTEX asia/CHINAFLOOR 2017 will take place March 21-23, 2017 in Shanghai, China. The online registration portal is now open and admittance for pre-registered visitors is free.

For more information about the show visit www.domotexasiachinafloor.com

About DOMOTEX Worldwide:

DOMOTEX HANNOVER (January 14-17, 2017) is the world’s leading floor covering trade show. Deutsche Messe AG Hannover organizes the show.

DOMOTEX asia/CHINAFLOOR (March 21-23, 2017 in Shanghai) is the largest international flooring show in the Asia-Pacific region. VNU Exhibitions Asia, Build Your Dream and Hannover Milano Fairs Shanghai, a subsidiary of Deutsche Messe, jointly organize the show.

DOMOTEX Turkey (May 22-25, 2017 in Gaziantep) serves the Turkish and Middle Eastern markets. Hannover Fairs Turkey Fuarcilik A.S, a subsidiary of Deutsche Messe, organizes the show.