

Made in the TextielLab

More than 250 projects were completed in the TextielLab in 2021, in close collaboration with a wide range of makers: from students and young talent to leading designers and artists. To give you an impression of the lab's output, we have created this overview. Can't find your work? Send us a [message](#) with a short project description and photo, and we'll make sure it's added.

75B – Rens Muis from design agency 75B developed several new contemporary municipal coats of arms in 2021. Woven as tapestries, the coats of arms depict cities' current heraldry, combining around a hundred symbols, logos and icons. In collaboration with the TextielLab, 75B has now made a series of coats of arms for cities around Europe. Rotterdam was the first in 2001, followed by Amsterdam, Hamburg, Naples, Munich, Rome, Turin and Paris. A number of the tapestries were displayed during OBJECT Rotterdam, an annual design fair.



Image: Jan Bijl

Aimée Zito Lema – Aimée Zito Lema (Amsterdam, 1982) studied at the Universidad Nacional de las Artes in Buenos Aires, the Gerrit Rietveld Academy in Amsterdam and the Royal Academy of Art in The Hague. For her 2021 solo exhibition 'Here is where we meet' in Amsterdam's Oude Kerk, she developed a large-scale textile installation. After exploring the church's archives, she became interested in the reinterpretation of history. She found inspiration in De Beeldenstorm, the destruction of religious images during the Protestant Reformation in the 16th century, and recent resistance to the placement of a red stained-glass window in the Holy Sepulchre. In the TextielLab she made two extensive textile works, which together with photos, poems and sculptures reflect on the way in which resistance and change work for individuals and for society.



Image: Aimée Zito Lema

Aleksandra Gaca – Aleksandra Gaca (Lodz, Poland, 1969) developed textile wall panels for the new council chamber in Groningen's city hall, which was renovated by Happel Cornelisse Verhoeven Architects. She drew inspiration from works by the artists' association De Ploeg, which captured Groningen's landscape. The artists' expressive brushwork, flowing lines, nuanced printing techniques and soft gradients in watercolour were starting points for Gaca's design. This ultimately took the form of a new Groningen landscape divided over 36 panels measuring 48 metres long. The panels will be installed in the city hall in early 2022.



Aliki van der Kruijs – Designer and researcher Aliki van der Kruijs has been working with the TextielLab's experts for over ten years. Her work explores the synergy between weather, matter, colour and space. During a residency at the Jan van Eyck Academy in Maastricht in 2021, she researched the local ENCI Quarry. She studied the marl layers and used the collected data as a basis for the innovative samples she made on the computer-controlled looms in the TextielLab. The weaves in the fabrics were created by zooming in on the marl's texture. The material tests were bundled in a sample collection that forms an interesting starting point for future projects. This work is entitled '1cm = 1,000 years'.



Image: Alik van der Kruijs

A+N – Alissa van Asseldonk (1988) and Nienke Bongers (1988) are the duo behind A+N, a design studio focused on material research. In the TextielLab in 2019, they developed 'The Sun Show', innovative blinds for the meeting room of the Ministry of Education, Culture and Science. The woven panels feature pop-up patterns that open and close to regulate the amount of sunlight entering the room. A+N's work combines the designers' interest in moving patterns, textile techniques and technology. For the Municipality of Tilburg offices, they elaborated on this earlier design. They started with sturdy canvas fabrics, which were then carefully cut on the laser cutting machine. The fabrics are highly detailed and refined. Subtle gradients alternate with bold graphic areas in bright colours. By making clever use of synthetic fibres, the cut surfaces require no further finishing.



Almagul Menlibayeva – Multimedia artist Almagul Menlibayeva, who graduated in 1992 from the Art and Theatre Academy in Almaty, Kazakhstan, divides her time between Kazakhstan and Germany. Her recent works, which have been featured in several major exhibitions, combine exotic images with the latest developments in digital technology and electronic music. For her latest exhibition in Berlin, Menlibayeva developed a colourful tapestry with the experts in the lab.



Image: Stef Miero

Andrea Éva Győri – The Frans Masereel Centrum, a contemporary arts centre in Belgium, commissioned artist Andrea Éva Győri (Hungary, 1985) to develop new work in the TextielLab for the exhibition 'Solitude'. Győri was one of six international artists invited to create work for the exhibition. Each project is deliberately offline and offers a profound context to rethink the connection between art, the physical and social, and our mental impulses. Győri graduated in 2010 with a master's degree from Magyar Képzőművészeti Egyetem University in Budapest before continuing her education at the State Academy of Fine Arts in Stuttgart. Her work is characterised by an in-depth exploration of the human body and mind. By broaching topics that are often avoided, Győri aims to break taboos and extend the invisible boundaries between public and private.

Babs van den Thillart – Babs van den Thillart is a visual artist based in The Hague. She studied industrial product design at The Hague University of Applied Sciences before graduating from the Royal Academy of Fine Arts (KASK) in Ghent. Her research in the TextielLab focused on 3D woven fabrics. She initially did her own research on a handloom, then scaled up her prototypes in the TextielLab.

Bas van Beek – The Wolfsonian Museum in Miami invited Bas van Beek to create new work derived from its extensive collection. He developed three large tapestries on the TextielLab's new wide loom. The tapestries' designs are based on a sketch by Gunta Stölzl, the famous Bauhaus textile artist and teacher. Van Beek converted Stölzl's sketches into sharp graphic planes. The work is called 'Gunta Stölzl' and can be seen in the exhibition 'Shameless', which runs in the Wolfsonian until 4 April 2022.



Image: Skadi Tirpak. From left to right: Ruth Emmerink, consul general; Bas van Beek, designer; Silvia Barisione, chief curator at The Wolfsonian-FIU, Miami Beach; Aric Chen, director of Het Nieuwe Instituut Rotterdam

Conny Groenewegen – Conny Groenewegen (1973) is a 3D textile designer, researcher, fashion designer, applied artist and teacher. She has worked with the TextielLab for over ten years, developing knitted fabrics that she uses for her ‘re-couture’ collection for Electric Co and various interior applications. Many of her pieces are part of the TextielMuseum’s collection. Groenewegen is currently researching the use of knitted and knotted materials in architectural constructions. For her latest collection, she developed a series of coarsely textured garments made on the lab’s computer-controlled knitting machine. The combination of stiff and soft woollen yarns gives the objects extremely large shapes.



Image: Conny Groenewegen

Drua Sif Simone Albrechtsen – Drua Sif Simone Albrechtsen first came to the TextielLab in 2017 as a junior researcher for 'Crafting Wearables: Fashionable Technology', a collaborative project with

Pauline van Dongen and Eindhoven University of Technology. For her solo exhibition 'Between Body and Space' in Denmark in 2021, she developed knitted objects that explore the space around the body. The large coarse-knit cables, measuring more than five metres long, were developed and produced in the TextielLab.



Envisions – For the collaborative project 'Archive of the Future', the designers' collective Envisions worked with the experts in the TextielLab to research new, industrial applications for materials made on the machines in the lab. Four designers investigated knitting, weaving, passementerie and embroidery techniques to find new perspectives and applications that are relevant for industrial use. The designers found inspiration in the museum's collection, the ideas put forward by the lab's specialists, and their own interest in textile innovation in interior design and the automotive industry. The different phases of the research and experimental development process can be seen in the TextielMuseum's 'Secrets of Making' exhibition, which runs until 8 May 2022.



Eveliina Ronkainen and Pauliina Varis – Fashion designer Eveliina Ronkainen and textile designer Pauliina Varis both graduated from Aalto University in Sweden in 2018. For the joint project 'AUXskin', the duo explored the functionality of knitted fabrics with auxetic properties: materials that expand when stretched and move with the body as it changes.

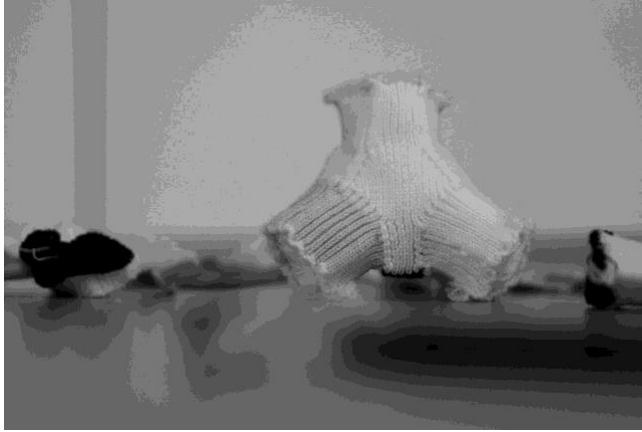


Image: Pauliina Varis

Fransje Gimbrère – Fransje Gimbrère (1993) graduated in 2017 with a bachelor's in design from the Design Academy Eindhoven. She is a Tilburg native and works in Eindhoven. Her experimental and hands-on research on the looms in the TextielLab led to the development of an ingenious textile for one of the floors of the Municipality of Tilburg building. The work is an industrial translation of the hand-woven textile sculptures that were part of her graduation project in 2017. She describes these 'Standing Textiles' as textile skeletons that can stand on their own in a space. This recent work has the same openwork appearance. It was made by dividing the warp on the loom into several layers. When these layers are cut apart, a large, airy grid appears: a bold but refined statement.

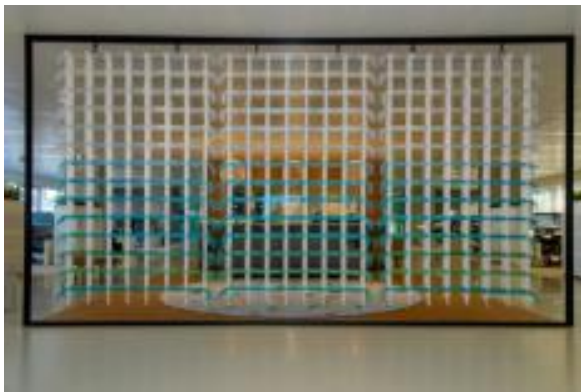


Image left: Gemeente Tilburg, Ton van Rooij. Image right: TextielMuseum, Josefine Eijkenaar

Geo Wyeth – Geo Wyeth (New York, 1984) works in the realms of music, performance, installation and video. Commissioned by the TextielMuseum, Wyeth developed 'ATM' (automatic teller machine), a three-dimensional object made in the TextielLab using various techniques. The walls and roof consist of a frame between which woven panels are suspended. The scenes on the panels are partly woven into and partly embroidered onto the fabric. The 'River of Stars' was translated into several islands of tufted carpet for visitors to walk between. Wyeth will use the installation for performances. The work will be exhibited in the TextielMuseum in early 2023.

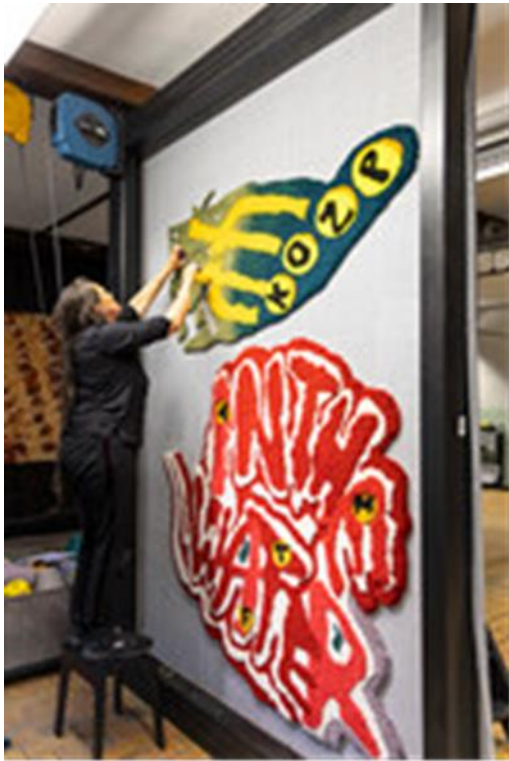


Image: Josefina Eikenaar

Grethe Sørensen – Grethe Sørensen (1947) is a Danish textile artist and digital weaving pioneer. She combines traditional craftsmanship with technological innovations. For two new Hermès stores in Paris and New York, both designed by RDAI Architects, she developed textile wall coverings. The unique fire-retardant fabrics were woven in different colour combinations and serve as decoration in the changing rooms and various other spaces in this exclusive retail chain.



Image: Josefina Eikenaar

Helena De Smet and Veerle Tytgat – For their project 'Kantje boordje, a plea for making passementerie', Helene De Smet and Veerle Tytgat (Belgium) were apprenticed to various passementerie companies in Belgium. The aim of their research, which they started in 2018, is to make forgotten textile techniques visible. The results will be presented in early 2022 during a performance at MoMu fashion museum in Antwerp.

Indré Svirplyté – Indré Svirplyté (Lithuania, 1992) was invited to take part in the Wobby.club's residency programme and was an artist in residence in Tilburg. Originally a graphic designer, Svirplyté combines this discipline with her talent for textile techniques. She graduated in 2015 with a bachelor's degree in visual arts from the Vilnius Academy of Arts, followed by a master's degree in illustration from the LUCA School of Arts in Ghent. She makes installations and plays with multimedia art. Her tufted carpets depict fantastic, sarcastic, disturbing, grotesque and cartoonish designs.



Image: Marjolein Schalk

Ines Sistiaga – Ines Sistiaga graduated cum laude from the Design Academy Eindhoven, did an internship at the TextielLab in 2018 and won the TextielMuseum Young Designer Award in 2019. 'Tailored Bond' is a long-term research project in which she is exploring the possibilities of combining 3D technology, human biology and industrial knitting techniques. Her aim is to develop a textile 'exoskin', a kind of second skin for the human body. The project was selected for the 'Secrets of Making' exhibition, which can be seen in the TextielMuseum until 8 May 2022.



Isabel Marcos – Visual artist Isabel Marcos (1986) graduated in 2013 from the Dutch Art Institute, the master's programme for 'artistic researchers' at ArtEZ University of the Arts. She is currently working towards a PhD at UCLM University in Cuenca, Spain. As part of her research, Marcos developed plaited cords in the TextielLab made from esparto grass, which mainly grows in southern Europe. She incorporated these cords in an installation called 'Cuerda Peluda', taking the history of cords and ropes as her starting point. The installation was displayed in Kunstfort near Vijfhuizen, to the west of Amsterdam.



Jamy Kane – Jamy Kane (Inverness, 1989) was the 2021 artist in residence at the Leo XIII studio in Tilburg. During his residency, he worked on the embroidery machines in the TextielLab. He converted one of his paintings, which was painted on a metal plate, into embroidery. The design was eventually embroidered on wool felt and exhibited over the summer in the small exhibition 'PLOUGH', in the window of Studio de Gruyter on the Gasthuisring in Tilburg.



Image: Jamy Kane

JAS&CAL – Jasmijn Wester and Calvin Kooiman make up the design duo JAS&CAL. In 2020, they conducted exploratory research in the lab into woven textiles for window coverings, which included metal threads, among other things. The research led to several refined fabrics, which the designers developed further in 2021. Taking inspiration from the museum collection, they studied bindings and patterns and integrated these into their work. The results were displayed in De Kazerne in October 2021 during Dutch Design Week.



Image: JAS&CAL

Karin van Dam – Karin van Dam's (1959) installation 'HEAVEN, WOOL AND WATER' for the Grote Kerk in Veere tells the story of the church and town using new, innovative techniques. Veere was once a thriving port, where goods such as wool from Scotland were actively traded. The Grote Kerk played a central role in this trade, including washing the wool with rainwater collected from the church's roof. The installation comprises more than 150 knitted objects made of wool and fishing line. These are intertwined to form a labyrinth through and under which visitors can wander.



Karo Akpoki – Karo Akpoki is a young visual artist from Lagos, Nigeria. His work straddles the line between visual art and graphic design and has been shown at the IV Bienal de Montevideo (2019) and the 56th Venice Biennale 'All of the World's Futures' (2015), among others. He also collaborates with brands such as Nike, Google and Moncler. 'Lagos Drawings' is a series of colourful woven tapestries featuring drawings inspired by Lagos' rapidly changing pop culture. The tapestries have not yet been exhibited publicly.

Kasia Gorniak – Finnish artist and fashion designer Kasia Gorniak first attracted attention in 2018 with the collection 'I Once Made A Performance'. The initial pieces were based on an improvised dance featuring found clothes, in which different garments 'melted together' in the movement. Over the past year, in the TextielLab, she developed a new series of 3D knitted objects and garments that are normally regarded as separate items, but which Gorniak produced as one piece – both on the manual and computer-controlled knitting machines. For example, she developed tights attached to a blouse, and tracksuit trousers with connected socks.



Image left: Jere J. Aalto. Image right: Emma Sarpaniemi

Katerina Konarovská – Katerina Konarovská first developed a tapestry in the TextielLab in 2017, which earned her a nomination for the Royal Award for Modern Painting in 2019. This year, she developed a further three tapestries entitled 'Ghost in White Clothes', 'I work for nature and nature works for me' and 'Between McDonald and Graveyard/LegBird'. The works illustrate her love of painting and textiles. Several of her recent paintings were incorporated into the tapestries. 'Ghost in White Clothes' was shown at Glasgow International 2021; the other tapestries were exhibited in Willem Twee Kunstruimte in 's-Hertogenbosch and Studio Siene art space in Rotterdam.



Image: Katerina Konarovská

Katie Schwab – Katie Schwab (United Kingdom, 1985) earned her MFA from the Glasgow School of Art in 2015. Her work has been shown in Tate Modern and the British Ceramics Biennial, among others. The Vleeshal in Middelburg, in the province of Zeeland, is now organising Schwab's first European solo exhibition, for which she worked closely with the TextielLab. She made an installation with 60 metres of woven ribbon, produced on a band-weaving loom from 1850. As in traditional

darning samplers, the ribbon includes a myriad of stripes, holes and repairs in silk, cotton and linen. The vibrant oranges and pinks in the ribbon's warp refer to madder, a plant that was historically grown throughout Zeeland to produce textile dye.



Image: Katie Schwab – De Vleeshal – Small Wares

KRJST Studio – KRJST Studio was founded by the Belgian designers Justine de Moriamé and Erika Schillebeeckx. Both studied at La Cambre academy in Brussels, where they earned a master's degree in fashion design. Since graduating, they have been regular visitors to the TextielLab. For an exhibition in the Grand Palais in Paris, they made a series of new tapestries. In addition, the French architectural firm RDAI Architects commissioned them to design textiles for the renovated Hermès store in Luxembourg. The delicate fabrics, which incorporated copper threads, were placed between glass plates and function as a room divider in the store.

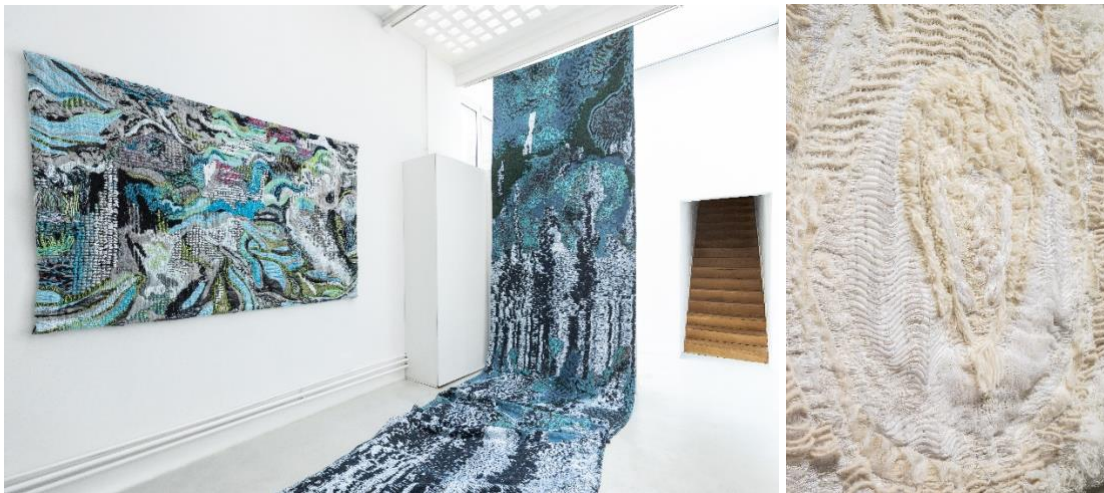


Image left: Lou Carter Gallery. Image right: Sebastien Delahaye

Laura Luchtman – Laura Luchtman is the founder of the Rotterdam design studio Kukka. Her work focuses on experimental colour and material research. Using ground-breaking approaches to textiles, colour, production and consumption, she aims to change our perception and create opportunities for a conscious industry. In 2016, she began dyeing textiles using bacteria. The result of this project was shown in the 'Earth Matters' exhibition in the TextielMuseum. In 2021, she developed a series of tapestries in the TextielLab called 'Chromarama'. The textiles visualise how people with colour blindness see and experience the world. Several of these works were displayed during Dutch Design

Week. They were also shown in De Wasserij in Rotterdam. The series was shortlisted for the Dezeen Awards 2021.



Liesbeth Piena – Painter Liesbeth Piena (Waalre, 1993) developed a series of woven tapestries based on her paintings. The title of the series is 'A Colour Has Many Layers'. Piena researched combinations of different colours and structured yarns for the series, which was displayed in Min Galerie in Amsterdam.

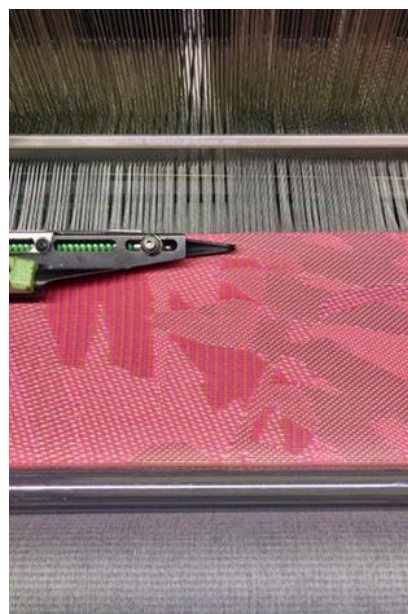


Image: Liesbeth Piena

Lizan Freijssen – Lizan Freijssen (Zwijndrecht, 1960) was commissioned by Micropia, the microbe museum attached to Artis Zoo in Amsterdam, to create a wall of lichens for the museum. 'The Fungal Wall' is a large-scale, hand-tufted installation made up of hundreds of coloured wools. The installation introduces visitors to the world of microbes and draws attention to the beauty of fungi and their essential role in our lives. The work went on permanent display in June 2021.



Image: Liza Freijesen

Lola van Praag – Lola van Praag (Amsterdam, 1992) worked with the TextielLab team to develop a series of knitted wall hangings. She drew inspiration from the Netherlands' bulb region, where she grew up. The wall hangings consist of multi-coloured jacquard knits made from materials including organic cotton, wool and recycled polyester. The wall hangings were displayed in the exhibition 'Soft!' at Rademakers Gallery in Amsterdam as well as during Dutch Design Week in Eindhoven.



Marieke Schoonderbeek – Marieke Schoonderbeek (1982) is a visual artist based in Amsterdam. She studied at the Gerrit Rietveld Academy. Her work ranges from sculptures (exhibitions) to objects, spaces and structures but is always guided by the material process. Schoonderbeek has worked with the TextielLab for over ten years and developed various textile products in that time. In 2021, she made a series of rugs for Huis op 't Raboes, which was awarded the BNA Best Building 2021 architecture prize. She also designed six hand-woven rugs decorated with computer-controlled embroidery for De Kort van Schaik and West8 architectural firms. She dyed the woollen yarn used for the embroidery herself with natural pigments. Several of these rugs were exhibited during OBJECT Rotterdam design fair.

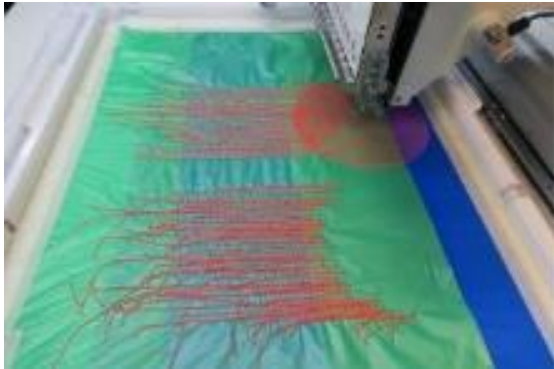


Mercedes Azpilicueta – Mercedes Azpilicueta (Argentina, 1981) is a visual and performance artist from Buenos Aires who lives and works in Amsterdam. She was nominated for the Prix de Rome 2021, for which she developed an impressive 3D tapestry over 12 metres long and 3 metres high. The images on the fabric are arranged like a collage and tell the story of the uprisings initiated by women from Amsterdam's working-class neighbourhoods, such as the Jordaan Riot (1934) and the Potato Riot (1917). The work is on display in the Stedelijk Museum Amsterdam until 20 March 2022.



Metahaven – Vinca Kruk and Daniel van der Velden are better known as Metahaven, a studio at the intersection of art, design and film. Poetry, storytelling and a fascination for the internet and information politics are the connecting elements in their work. The duo plays with the transition between digital video and cinema. Their work is widely exhibited and published internationally. For their solo exhibition at State of Concept, a leading gallery in Athens, Greece, they embroidered

various graphic designs on second-hand sports jackets and plastic bags in the TextielLab. Together, these works make up the new series 'Blossoms and Secrets', which brings together texture, dreams and film stills.



Mika Tajima – Mika Tajima (Los Angeles, 1975) is a New York-based artist. Her sculptures, paintings, videos and installations focus on the embodied experience of ortho-architectural control and 'computational' living. In the TextielLab, she developed three new tapestries for her series 'Negative Entropy', which focuses on the historical and material texture of technology. Tajima regards the tapestries as acoustic portraits, in which an audio recording of a specific production location, machine or person is translated into a woven image. The three tapestries, which were woven in the TextielLab in 2021, centre on deep brain stimulation, a surgical procedure used to treat Parkinson's disease. They depict a brain wave and electrical pulse as an intricately woven network of threads. Due to the COVID-19-related restrictions, Tajima was unable to come to the lab herself. However, the lab's adapted design process meant that the collaboration could still go ahead remotely.

Otobong Nkanga – Otobong Nkanga (Nigeria, 1974) is a visual and performance artist. She studied at Obafemi Awolowo University in Ile-Ife in Nigeria and the École Nationale Supérieure des Beaux-Arts in Paris. She graduated in 2008 with a master's degree in performing art from DasArts, Amsterdam. Nkanga's work has been exhibited worldwide, including at the Museum of Contemporary Art in Chicago, Tate Modern in London and the Stedelijk Museum Amsterdam. In her work, Nkanga explores the painful consequences of postcolonial structures in social communities, economic relationships and landscapes. In the artistic translation of these issues, she searches for symbolic, poetic forms. In the TextielLab in 2021, Nkanga tufted several tapestries incorporating more than a hundred colours. The first two tapestries, inspired by stones, were displayed in a solo exhibition at Castello di Rivoli in Turin from September 2021. To connect these works in the exhibition space, she developed dozens of metres of cord in the passementerie department. The cords run through the entire space, connecting the fabrics and large bead-like sculptures made of wood. Besides tufted tapestries, Nkanga has also developed woven tapestries for ten years. In 2021, she was the first artist to use the TextielLab's new wide loom. This resulted in a series of four tapestries six metres long, which played a central role in her solo exhibition at Kunsthaus Bregenz (Austria) in the autumn of 2021. The tapestries' development process is featured in the 'Secrets of Making' exhibition in the TextielMuseum, which runs until 8 May 2022. Nkanga will return to the lab in 2022, this time to make a new textile for the museum collection.



Image: Miro Kuzmanovic

Pei-Ying Lin – Visual artist Pei-Ying Lin (Taiwan, 1986) is currently based in Eindhoven. Her work usually focuses on the nexus between science and society and looks for common ground when it comes to discussing different cultural perspectives. In the TextielLab, she developed a knitted costume consisting of 36 triangles inspired by viruses. The 36 components can be looped together to form a sphere large enough to be worn during a performance. Pei-Ying Lin will present this work in mid-2022 at the National Science and Education Museum in Taiwan under the title 'Studies of Interbeing – Trance 1:1'.



Pieke Bergmans – Dutch artist Pieke Bergmans (1978) studied at St. Joost, Design Academy Eindhoven, ArtEZ and the Royal College of Art in London. She is considered one of the most influential artists of the 21st century and works at the interface of art and design. Her oeuvre combines modern art with traditional craftsmanship. The vast majority of her work is handmade, with Bergmans directing the artisans and production process herself. She developed the knitted object 'Big Mama' for the TextielMuseum collection back in 2007. She made the follow-up to this in 2021 for the exhibition 'Between No-Longer and Not-Yet' in De Kazerne Eindhoven, which opened during Dutch Design Week in October. In the coming year, Bergmans will continue to develop the objects with experts from the TextielLab.



Image: Joep Vogels

Raúl Díaz Reyes and Ana Mazzei – Raúl Díaz Reyes (Madrid, 1977) and Ana Mazzei (São Paulo, 1979) had not produced woven works before they came to the TextielLab. The resulting tapestries depict graphics inspired by the theatre. Together, the works form a large installation of drawings and sculptures, which was shown in Madrid at Arco international art fair.



Image: Ana Mazzei

Raw Color – Daniera ter Haar and Christoph Brach joined forces after graduating from the Design Academy Eindhoven in 2007. In 2008, they founded Raw Color. Thirteen years later, Raw Color has grown into a multidisciplinary studio. The 'Temperature Blankets' project aims to raise awareness about climate change by visualising various aspects of the issue. In the TextielLab, the designers knitted a series of blankets that act as textile carriers of information about the climate, on which data is presented in a simple and colourful way. The series was presented in October 2021 during Dutch Design Week.



Image: Raw Color

Robin Pleun Maas – Robin Pleun Maas studied at the Design Academy Eindhoven before graduating with a master's degree from the Swedish School of Textiles in 2018. Besides running her own design studio and participating in the Envisions collective, she works as a knitting specialist at BYBORRE, an Amsterdam-based textile innovation studio. For her graduation project in 2016, she developed the series 'Structured Textiles'. These formed the basis for her 2021 installation in the Municipality of Tilburg offices. She is interested in how fabric behaves and drapes. She influences this by using different weaves and yarns, such as elastic yarn. When looked at from different angles, the textile panels she developed always reveal something new.

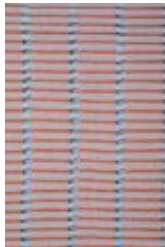
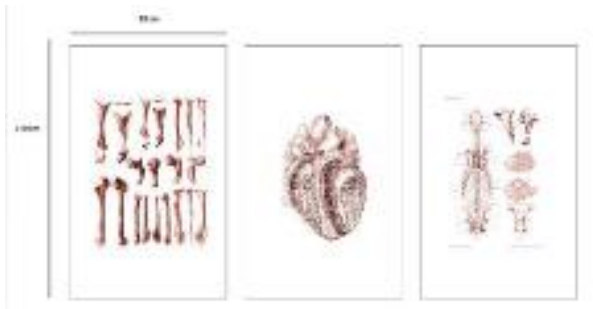


Image left: Gemeente Tilburg, Ton van Rooij. Image right: TextielMuseum, Tommy de Lange

Shahar Livne – Shahar Livne (Israel, 1989) is a conceptual material designer based in Eindhoven. For her 'Meat Factory' project, Livne developed a series of tapestries in the TextielLab. The project includes various material experiments around animals, such as blood-based dyes and bio leather, rubber and yarns, all made from organic slaughterhouse waste. For the tapestries, she used yarns she dyed herself with animal pigments.



Siena Smith – Siena Smith is an artist based in Chicago, Illinois. She uses drawing, weaving and collage to explore the complexities of identity and analyse personal stories. She received her BFA in textiles from the Rhode Island School of Design and her MFA in fibre and material studies from the School of the Art Institute of Chicago. Her work aims to start a conversation about black identity. The series of tapestries she developed in the TextielLab were largely created remotely due to the corona-related restrictions. Thanks to the digital work processes the lab team put in place, however, she was able to continue developing the tapestries despite the travel ban.



Sigrid Calon – Visual artist Sigrid Calon (1969) was born in Den Bosch, grew up in Eindhoven and lives and works in Tilburg, where she studied textile design at the Academy for Visual Education. Tilburg University commissioned Calon to create an art application for its new CUBE building. Calon was chosen in a pitch of three artists put forward by the TextielMuseum. She developed 30 woven 'flags' with an abstract graphic pattern, derived from the university's logo and the idea of a range of 'woven characters'. The title, 'Weaving Characters', is based on the university's educational vision, which has three pillars: knowledge, skills and character. The work was made with recycled yarns from the Tilburg-based company Wolkat. The development process can be seen in the 'Secrets of Making' exhibition, which runs in the TextielMuseum until 8 May 2022.



Sofie Leenen – Sofie Leenen graduated in 2018 from the Design Academy Eindhoven's Man and Well-Being department. She was selected to develop her graduation project in the TextielLab and subsequently also interned with the product developers in the weaving department. Leenen is fascinated by the origin of crafts, manufacturing processes, preservation techniques and material developments. For her collaboration with the TextielLab, she was inspired by the ancient technique of basket weaving. For 'Braided Weave', she focused on weaving and plaiting three-dimensional textile objects, using the TextielLab's traditional passementerie machines. The result is an archive featuring a variety of samples.



Image: Sofie Leenen

Stina Randestad – Upcoming fashion talent Stina Randestad (Sweden) was selected by New Order to make new work with recycled post-consumer yarns. The result was exhibited in 'Long Live Fashion!' in the TextielMuseum. With the TextielLab's knitting experts, Randestad developed a sculptural knitted dress made from post-consumer textile waste. This type of recycled yarn presents a challenge for computer-controlled knitting machines because they often break when complex shapes are knitted. The collaboration is the starting point for a multi-year research project investigating the limits of knitting machines (2022-2024) and the use of sustainable materials.



Studio Drift – The Textiellab continuously tracks social developments and the changing needs of the makers who come to work in the lab. In the coming years, we will focus on two topical and substantive issues: knowledge & innovation and sustainability. One of the themes – technological innovation – is at the heart of a research and development project awarded to Studio Drift in 2020-2022. We asked Studio Drift to develop an aesthetic, intriguing textile object with a focus on change through light and/or movement. The object had to be made on the computer-controlled looms in the lab. A prototype was produced in 2021, using both internal and external knowledge. Work on the project will continue in the coming year, and the final object will be shown during an exhibition on 'smart textiles' in the autumn of 2023.



Design sketch: Studio Drift

Suzanne Oude Hengel – Shoe and textile designer Suzanne Oude Hengel specialises in combining (knitting) techniques and digital design methods in preparation for industrial production. In recent years, she has developed prototypes for knitted shoes. In 2021, she pushed the limits of her knowledge and the knitting machine during an intensive experimental collaboration with the TextielLab. 'Knit Hybrid' focuses on specific knits, namely spacers, waffles and rib. This process of researching by experimenting can be seen in the 'Secrets of Making' exhibition, which runs in the TextielMuseum until 8 May 2022.



Tamara van Roij – Designer Tamara van Roij graduated from the Design Academy Eindhoven in 2017. She developed her graduation project 'Flux Rug' with the embroidery specialists in the TextielLab. For an installation for the Municipality of Tilburg offices, she made a new 'Flux' work using a different technique: instead of embroidery, the piece is a semi-transparent woven fabric. Her design was inspired by the CMYK printing technique. Overlapping the colours cyan, magenta and yellow in the weave creates an optical mix. This changes the fabric's appearance when viewed from different angles and in different lighting.



Design sketch: Tamara van Roij. Image right: Iris Rijskamp

Tanja Smeets – Visual artist Tanja Smeets joined forces with embroiderer Anna Bolk. In the lab, they investigated the spatial value of passementerie techniques and how these can retain their power in larger art installations. Incorporating shapes and industrial materials plays a major role in their approach. By braiding leaf catchers, pieces of rubber and ceramics into a trimming, for example,

sculptural forms are created instead of decorative elements. In addition, the techniques gain a contemporary dimension. The research was completed in 2021, and the design process was included in the TextielMuseum's 'Secrets of Making' exhibition. In 2022, a large installation based on this research will be displayed in Kunsthal KADE in Amersfoort.

Quote Tanja Smeets: "The great thing about working in the TextielLab is that the workshop is in the middle of the museum, so visitors can see the installation being made before it is shown in an exhibition."



Image: Tommy de Lange

WDJA Architects – For the entrance hall of the Forum apartment block in the centre of Rotterdam, WDJA architects developed a tapestry to improve the acoustics. The tapestry was inspired by a lithograph by Guido de Waart, who made the glass panels for the ABN AMRO office in Rotterdam in the 1970s. The original lithograph is 50 cm x 50 cm and was enlarged more than six times to create a tapestry measuring 300 cm x 300 cm. The wool used was specially dyed to give the tapestry exactly the same colours as the lithograph. The design combines both pure colours and blends. Even the lithograph's irregularities, like the areas where the ink did not quite take, were included in the fabric's development and can be clearly seen in the final work.



Wouter Paijmans – Wouter Paijmans (Loon op Zand, 1991) first started working with textiles during his residency at De Ateliers, a talent development institute for young visual artists in Amsterdam (2018). He then had the idea of making the same things for a while. His 'ready-to-wear paintings' are compositions with textiles, stretched on wooden frames. Paijmans' installation in De Pont museum in 2019 was his first step towards reaching a wider audience. In 2021, he developed a special 'ready-to-wear painting' in the TextielLab for the Municipality of Tilburg offices.



Image: Gemeente Tilburg, Ton van Rooij

Yamuna Forzani – Yamuna Forzani made a series of knitted tapestries in the TextielLab. She used a double cloth jacquard technique that she developed herself, in which she mixes various different colours and yarns. The series, called 'Angel Delight', combines playful and hand-drawn lines with photographic elements. The tapestries were eventually used during a performance in Worm in Rotterdam. The same fabric was also incorporated into clothing.



Yelena Popova – Yelena Popova (Urals, Russia, 1978) lives and works in Nottingham. She studied at the Moscow Art Theatre School and Central Saint Martins College of Art and Design before graduating from the Royal College of Art in London in July 2011. Popova works with a wide variety of media, including painting, installation art and video. Her work reflects her upbringing in the Urals and is influenced by the tenets of Russian Constructivism. She questions advancing industrialism and contemporary capitalism. In early 2021, she was commissioned to design a theatre curtain for a community centre in Whitehaven, north-west England. With the experts from the TextielLab, she wove a fire-retardant curtain that incorporates her own unique colours.

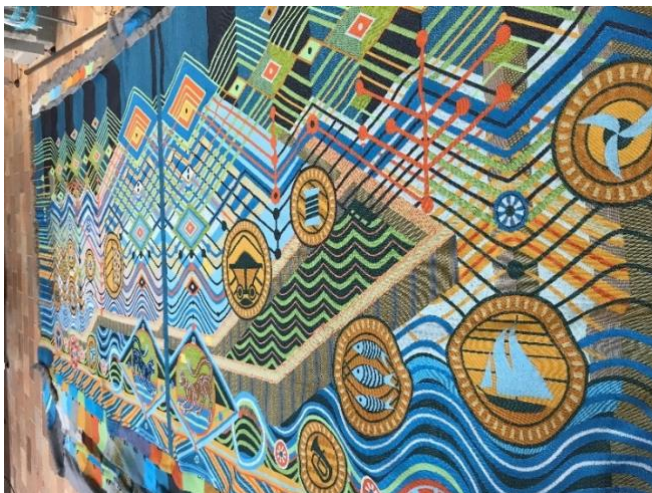


Image: Yelena Popova

Yelizaveta Strakhova – Yelizaveta Strakhova studied visual communication and illustration in Moscow. Two years ago, she received a master's degree in interior architecture from the Studio for Immediate Spaces, part of the Sandberg Institute in Amsterdam. The material research she carried out in the TextielLab explored the potential of textiles as a building material for dynamic bathroom environments. In the final work, small loops reminiscent of terry cloth were knitted with copper yarn.

To make the textile stable, Strakhova used the so-called 'weave-in knitting technique' on the ADF knitting machine. The work plays a leading role in a performance that will be presented in early 2022.



Image: Yelizaveta Strakhova

Anna Bruun Kristiansen (graduation project) – Anna Bruun Kristiansen graduated this year with a bachelor's degree from the Design School Kolding in Denmark and developed her graduation project in the TextielLab. She made several semi-transparent 3D fabrics with multiple layers. These are constructed in such a way that they can stand on their own, making the designs suitable for architectural applications. The project earned Kristiansen a nomination for the final of the Dorothy Waxman International Textile Design Prize. Her work also attracted attention during New York Textile Month and was published in *Talking Textiles Magazine*, a publication produced by Dutch trend forecaster Lidewij Edelkoort.



Image left: Greta Megelaite. Image right: Anna Bruun Kristiansen

Berta Ujváry (graduation project) – Berta Ujváry graduated in 2021 from Hungary's Moholy-Nagy University of Art and Design. She conducted initial research on handlooms. The resulting samples formed the start of her graduation project, which she made on the computer-controlled looms in the TextielLab. The woven pieces were inspired by iconic examples of socialist architecture, as a tribute

to her grandfather, architect Rudolf Ujváry. In the future, she plans to develop her research into a series of jacquard woven interior fabrics.



Image: Ákos Zajzon

Iris van Hagen (graduation project) – Iris van Hagen graduated from the Design Academy Eindhoven with a colourful sculptural rug: a textile translation of the melting Aletsch glacier. To produce the rug, she used the passementerie techniques she had learned during a textile minor in 2018. Ice and snow are represented by blue and white cords, the underlying earth by red, orange and yellow cords. The rug visualises the impact of climate change on glacial melt. As the rug is used, the blue and white cords will wear down, gradually revealing the earthy tones underneath. The rug, which was made in the TextielLab from leftover yarns, sends a powerful message, not least because Van Hagen is also a mountaineer. The work, entitled 'Fading mountain, climate change through the eyes of a mountaineer' was presented at the Graduation Show during Dutch Design Week 2021.



Image: Iris van Hagen

Laura Deschl (graduation project) – For her graduation project at the Design Academy Eindhoven, Laura Deschl used the machines in the TextielLab to embroider stripes on knitted fabrics. She then made bodysuits from the striped fabrics. The aesthetically refined work was featured in a live performance during Dutch Design Week in Eindhoven.



Image: Laura Deschl

Michelle Boulogne (graduation project) – Michelle Boulogne grew up in Martinique and studied textiles in Paris at ENSAAMA and in the United States at the Rhode Island School of Design. In 2021, she graduated from the Design Academy Eindhoven's Human and Leisure department. In 2020, she did two internships at the TextielMuseum and the TextielLab. For the museum library, she developed a plan to increase the library's visibility among makers in the lab. She then did a three-month internship in the lab itself. For her graduation project, she translated the surface of Venus into knitted fabrics. Entitled 'Venus Does Not Exist', the work is an interpretation of a planet of which very few colour images exist. The work was presented during Dutch Design Week 2021.

Sina Dyks (graduation project) – Sina Dyks interned at the TextielLab in 2020. She graduated a year later from the Royal Academy of Art in The Hague. During her internship, she experimented extensively on the looms in the lab. She also designed her graduation project in the lab. 'Stimuli Wiring System' focuses on stimulus processing in the brain and how this influences who you are. Dyks produced five fabrics on the loom, then wove loose threads into the fabrics by hand. The project won the Heden Start Award 2021.



Image: Maryam Touzani

Taneli Ukura (graduation project) – Taneli Ukura graduated this year with a master's degree in fashion, clothing and textile design from Aalto University in Finland. His research on the ADF knitting machine focused on making 'zero-waste' clothing. He developed a large robe from merino wool and organic cotton that is made up of several layers. By connecting the layers at certain points, a garment is created.

Tomer Laham (graduation project) – Tomer Laham graduated from the Shenkar College of Engineering and Design in Israel. Prior to working in the TextielLab, Laham researched multi-layered fabrics on a dobby loom. Her graduation project built on this work. On the lab's computer-controlled looms, she investigated even more complex shapes. The woven fabrics, inspired by human skin, are composed of various structures with many 3D effects.



Image: Abucaya Mai

Yinka Buutfeld (graduation project) – During her last year at the Design Academy Eindhoven, Yinka Buutfeld developed a collection of body jewellery for her graduation project entitled 'AGBARA'. She used the traditional passementerie techniques that are still applied in the TextielLab. The collection aims to create awareness about the global problem of skin lightening. Inspired by West African Manila jewellery, once used as currency in the slave trade, the objects question the desire for lighter skin, which is associated with a long history of white dominance.



Zoa Rosenkranz (graduation project) – Zoa Rosenkranz graduated in 2021 from the Design Academy Eindhoven's Man and Well-Being department. She first came to the TextielLab in 2020 while completing a textile minor. The padded blanket she developed at the time formed the basis of her graduation project the following year. The work will be shown in 2022 during Dutch Design Week in Eindhoven.



Image: Zoa Rosenkranz