Image credit: Miami Collage Garage by Amale Andraos and Dan Wood (WORKac)

Adaptive clothing range by Tommy Hilfiger, an electric flying car, the world's first compostable pregnancy test and a pocket HIV device: Design Museum announces Beazley Designs of the Year nominees

11 September 2019 – 9 February 2020
the Design Museum, London

The Design Museum announces the 76 nominees for the twelfth Beazley Designs of the Year exhibition and awards – revealing the most innovative designs of the last 12 months

Nominees include a meme inspired dress collection by Viktor & Rolf, a data generated proxy address system created to reduce homelessness, the world's first hands free breast pump, Adidas's collaboration with designer Ji Won Choi, as worn by Beyoncé, food sharing app OLIO and The Shed's extendable building in New York.

Accessible designs represent a major theme in this year's awards, as seen in IKEA's ThisAbles collection, Tommy Hilfiger's Adaptive clothing range and Chromat's AW19 fashion collection.

Costumes designed by Sandy Powell for Oscar winning title **The Favourite** and the **world's first silent and hands-free breast pump**; the Design Museum in London announces the most international and gender balanced list of contenders to date for the twelfth edition of Beazley Designs of the Year. The annual exhibition and awards comprises of 76 nominations across six categories**: Architecture, Digital, Fashion, Graphics, Product and Transport**. Selected by a panel of distinguished international designers, curators, critics **and – for the first time – the general public,** the awards showcase the most impactful products and concepts from designers around the world.

Sketches, models, prototypes, videos and photography will be on display for all the nominations to provide a compelling snapshot of the current world of design. To reduce waste, this year's 3D designer Pernilla Ohrstedt developed the spatial design for the exhibition by reusing elements from the previous exhibition. By cutting holes into the walls of each space visitors can look through to each of the nominated categories, creating connections between the works. The removed material has been recycled to make bespoke plinths. The inspiration for the design came from artworks by the American sculptor Gordon-Matta Clark, who would carve 'building cuts' out of the walls of derelict spaces around Manhattan.

The fashion category includes **vegan sliders from Rombaut**, **streetwear for Reebok created by Pyer Moss** and **Adidas' Korean inspired Originals Collection**, worn by Beyoncé. The **meme inspired dress collection for Viktor & Rolf** is also nominated in the fashion category, along with **Chromat's inclusive and sustainable AW19 collection** – which demonstrate a new approach to inclusivity in the sector.

Graphic nominee MOLD, by LinYee Yuan have **explored the future of food through a new online platform and magazine** which dissects how designers are addressing multiple food crises by working with food design and technology firms. Additional graphic nominees include: **Kickstarter book, notamuse which profiles female graphic designers** in Europe, an **updated brand identity for the Wolves football team** and works from **Mona Chalabi,** a New York-based data journalist and illustrator. This year's exhibition also welcomes eight new typefaces for each category of nominations, developed over the last 12 months by 2D exhibition designers Zak Group.

Product nominee **CATCH was created to increase early detection of the HIV disease** – with a low-cost and pocket-sized device that allows users to self-test for HIV in the privacy of their own home. Another innovative product nominee is silicone cover, **MySleeve,** which can be mounted on crutch handles to improve grip, comfort and stability. Other entries include the **1-inch Reclaimed Stacking Chair by Jasper Morrison for Emeco,** made from leftover industrial waste materials, and **British designer Bethan Laura Wood,** who has created the handmade Super Fake rug collection inspired by diverse rock formations. Designs for women is a prominent theme in this year's product nominations, with projects including **the Elvie**

Pump, the world's first silent and hands-free breast pump designed to be worn inside a standard nursing bra, and **a flushable and biodegradable pregnancy test** designed to be discreet by all-female design team Lia.

The transport section highlights designs that improve local services with the **GACHA Self-Driving Shuttle Bus designed by MUJI in collaboration with Finnish company Sensible 4,** promoting easy autonomous access to public transport in all weather. Alongside this is **JUMP by Uber,** an environmentally-friendly fleet of smart electric pedal-assist bikes and scooters rentable through your phone and the **CanguRo, a mobility robot assistant** that can both carry heavy shopping and transform into a three-wheeled motorcycle.

This year's focus on accessible design continues in the digital category with **wearable virtual assistant AlterEgo, by MIT Media Lab,** which silently detects electrical impulses from the skin surface and transmits these to the internal device – assisting those unable to speak out loud to communicate without needing to open their mouth. Additional nominations include **Q, the world's first genderless voice**. Made from real voices, the linguists, technologists and sound designers behind Q aim to challenge gender bias in the artificial intelligence industry. Another innovative digital project is **neighbour-to-neighbour food sharing app OLIO, designed by Tessa Clarke and Saasha Celestial-One** already used by 1.5 million users in 49 countries to share surplus food that would otherwise be thrown away.

The architecture category features many impactful projects including **ProxyAddress by emerging British designer Chris Hildrey**, which allows those facing homelessness to access support services by generating each user a consistent 'proxy address'. Also appearing in this section is the **MK Gallery in Milton Keynes** inspired by the local urban area, expanding and contracting **flexible New York arts venue The Shed** and **a new roof for the ancient souk of Homs** in Syria by Ghassan Jansiz for the United Nations Development Programme – built in challenging conditions after the original roof was destroyed by conflict.

A winner will be selected in each category and one overall winner will be announced on Thursday 21 November 2019. Previous winners have included Forensic Architecture for their Counter Investigations Exhibition, Sir David Adjaye OBE for the National Museum of African American History and Culture in Washington D.C, London 2012 Olympic Torch by Edward Barber and Jay Osgerby and Human Organs-on-Chips by Donald Ingber and Dan Dongeun Huh at Harvard University's Wyss Institute.

The museum welcomes Beatrice Galilee as the guest curator of this year's exhibition. Beatrice has previously worked at The Metropolitan Museum of Art, as the Chief Curator of the 2013 Lisbon Architecture Triennale, Close, Closer, and has curated exhibitions and events around the world. This year's judging panel will be chaired by Paul Thompson, Vice Chancellor of the Royal College of Art and previous Design Museum Director to celebrate the museum's 30th Anniversary.

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Beazley Designs of the Year will be on display from 11 September 2019 – 9 February 2020.

Ends –

Full list of nominee description to be found below

NOTES TO EDITOR

The Design Museum is the world's leading museum devoted to architecture and contemporary design, its work encompasses all elements of design, including fashion, product and graphic design. Since it opened its doors in 1989 the museum has displayed everything from an AK-47 to high heels designed by Christian Louboutin. It has staged over 100 exhibitions, welcomed over five million visitors and showcased the work of some of the world's most celebrated designers and architects including Paul Smith, Zaha Hadid, Jonathan Ive, Miuccia Prada, Frank Gehry, Eileen Gray and Dieter Rams. On 24 November 2016, The Design Museum relocated to Kensington, west London. Leading architectural designer John Pawson has converted the interior of a 1960s modernist building to create a new home for the Design Museum giving it three times more space in which to show a wider range of exhibitions and significantly extend its learning programme.

designmuseum.org

Beazley is proud to partner with the Design Museum and to support the Beazley Designs of the Year.

As a specialist insurer Beazley is well placed to understand the value of good design. It sees first-hand the consequences when things go wrong, and its products and services are expertly designed to assist individuals, communities and businesses when they most need help.

beazley.com

Previous Design of the Year Winners:
2018: Counter Investigations Exhibition by Forensic Architecture
2017 Sir David Adjaye OBE for the National Museum of African American History and Culture in Washington D.C
2016 Better Shelter by Johan Karlsson, Dennis Kanter, Christian Gustafsson, John van Leer, Tim de Haas, Nicolò Barlera, the IKEA Foundation and UNHCR
2015 Human Organs-on-Chips by Donald Ingber and Dan Dongeun Huh at Harvard University's Wyss Institute
2014 Heydar Aliyev Center by Zaha Hadid Architects
2013 GOV.UK – UK Government website by GDS
2012 London 2012 Olympic Torch by Edward Barber and Jay Osgerby
2011 Plumen 001 by Samuel Wilkinson and Hulger
2010 Folding Plug by Min-Kyu Choi
2009 Barack Obama Poster by Shepard Fairey
2008 One Laptop Per Child by Yves Béhar

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2019 Judges:
Paul Thompson (Chair), Vice-Chancellor, Royal College of Art
Sarah Douglas, Editor in Chief, Wallpaper*
Yinka Ilori, Designer
Martino Gamper, Designer
Melissa Hajj, Product Design Director, Facebook

PRESS ENQUIRIES:
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E: rioco.green@designmuseum.org
T: +44 (0)20 3862 5914 | M: +44 (0)7801 355012

OPENING TIMES AND TICKET INFORMATION:
Open daily 10:00 – 18:00 (last admission 17:00)
Free entry to the museum and its permanent collection

Exhibition Prices:
Adult £12.00
Child (6 - 15 years) £6.50
Student/concession* £9.50
Family (1 adult + 3 children) £18.50
Family (2 adults + 3 children) £27.50
Members go free

Exhibition Design:

2D Designers:
Zak Group
Zak Group is an award-winning international design practice that gives shape to contemporary visual culture. Their focus is on creating identities and digital platforms for clients who value the transformative power of design. Their work takes shape across the full spectrum of visual media— from books, websites and printed matter to branding, exhibitions and typefaces. Zak Group was founded in London in 2005 with the belief that graphic design can make a meaningful contribution to contemporary visual culture.

Founder Zak Kyes is an award winning Swiss-American graphic designer. His studio has produced acclaimed work for leading cultural institutions, artists and brands including Anne Imhof, Frank Ocean, M+, MMK, Paco Rabanne and Vitra.

3D Designers
Pernilla Ohrstedt Studio is a London-based architecture and design working on projects that span the disciplines of architecture, installations and exhibition design.

The studio produces work for and with international clients and collaborators such as Vitra, Wieden + Kennedy, The V&A, The Royal Academy of Arts among others.

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NOMINEES

Architecture

Name: 110 Rooms
Designers: MAIO
One-line description: A MODULAR APARTMENT BLOCK FOR FLEXIBLE LIVING
Paragraph description: 110 Rooms is a flexible residential building that can be adapted by its inhabitants. Based on a system of 110 rooms open to diverse uses, the project considers the potential for future adaptation and the various needs of the contemporary dweller. With the ability to expand, reduce, add and subtract rooms, the considered structural layout of the building aims to eliminate any spatial hierarchy. Each floor initially contains twenty rooms, divided into four apartments of five rooms, with the strategic positioning of kitchenettes and bathrooms at points for water, air-conditioning and electricity supply.

Name: A new roof for the ancient souk of Homs
Designers: Ghassan Jansiz for United Nations Development Programme
One-line description: A MARKET ROOF FOR A CITY DEVASTATED BY WAR
Paragraph description: A delicately arched roof of meshed metal, designed and built under challenging conditions to provide shelter for a historic and still much-used stone marketplace in Syria, whose original roof was destroyed during conflict. Negotiating mortar shells, lack of equipment and uncertain finances, architect Ghassan Jansiz and his team of thirty young engineers worked from a single hotel bedroom, managing the design and construction of the project in shifts to create a thoughtful and powerful symbol of endurance and optimism.

Name: A Room for Archaeologists and Kids
Designers: Studio Tom Emerson (ETH Zürich) and Taller 5 Juillerat-Manrique (Pontificia Universidad Católica del Perú)
One-line description: AN INTERNATIONAL EFFORT TO PROTECT THE PAST
Paragraph description: A Room for Archaeologists and Kids is a timber structure which forms a covered arcade over a section of land in Pachacamac, Peru – also known as one of the most important pre-Columbian archaeological sites in the country. The structure was created to offer archaeologists a place to conduct their first examination of artefacts discovered in digs before the objects are transferred to a local museum. It was made using timber, cane, textiles and adobe (earth bricks) by a design team that included architecture students from Studio Tom Emerson, ETH Zürich and Taller 5, Pontificia Universidad Católica del Perú. School groups – the 'Kids' – are also invited to perform their own exploration in the sandpits around the courtyard.

Name: Art Biotop Water Garden
Designers: Junya Ishigami
One-line description: AN ARTIST RESIDENCY AMONG TREES, WATER AND MOSS

Paragraph description: A Japanese water garden, located in Tochigi prefecture, in the town of Nasu, Japan designed by architect Junya Ishigami. The garden was built as the consequence of the uprooting of hundreds of trees for the construction of an artists' residence and hotel. Junya proposed replanting each tree in a meadow adjacent to the site – formerly rice fields and, before that, a densely wooded forest. In doing so, he utilised the traditional tools used for levelling water, and transformed the space into a woodland landscape dotted with dozens of ponds.
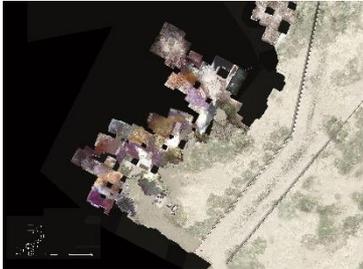
Name: Ca'n Terra
Designers: Ensamble Studio
One-line description: A HOME EXCAVATED OUT OF A QUARRY
Paragraph description: Ensamble Studio constructed this home in the depths of a former quarry. In keeping with the location of the building, Ca'n Terra translates as 'the house of the earth'. The studio experimented with advanced laser scanning techniques and digital excavation, with the resulting home reaching the very interior space of the quarry. The project honours the rich history of the site, which was abandoned since its use in 1930s as a military fortification. It later went abandoned before being rediscovered by Ensamble.

Name: Central Park, Taichung
Designers: Philippe Rahm architectes, mosbach paysagistes and Ricky Liu & Associates
One-line description: A PUBLIC PARK WITH ENGINEERED MICROCLIMATES
Paragraph description: A landscape and architectural design for a new 70-hectare park in Taiwan, inclusive with leisure, sport and tourist activities. As part of the park, Swiss architect Philippe Rahm worked with scientists to build a series of environmental experiences, climates and temperatures that respond to the weather and air pollution of the tropical city of Taichung in Taiwan. Located on the site of an old airport, the park has twelve sun-powered pavilions. Other spaces are constructed with specific trees and soil-surface treatments that enhance natural micro-climatic qualities to cool, dry and clean the air.

Name: Latraac Skate Cafe
Designers: Zachos Varfis
One-line description: A SKATE PARK DESIGNED WITH THE COMMUNITY
Paragraph description: An inner-city skateboarding and design initiative built within a derelict 19th-century courtyard in Athens, Greece, through a framework of social entrepreneurship. The 320-square-metre property was designed by architect Zachos Varfis from his studio on Athens' Strefi Hill. Zachos used remains from 19th century housing and a digitally aided system to convert the space into a garden, cafe and a plywood bowl for transition skateboarding. The context of the Greek financial crisis simultaneously helped and hindered the realisation of the project. On the one hand, it limited resources, but on the other provided the conditions for experimentation.

Name: Maya Somaiya Library
Designers: Sameep Padora and Associates

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One-line description: A WALKABLE PARABOLIC ROOF FOR A PUBLIC LIBRARY
Paragraph description: A school library in Kopargaon, north-east of Mumbai in India, that uses an ingenious engineering system that pays homage to the Uruguayan engineer Eladio Dieste. The shape of the building is formed by a complex series of arches and double curvatures that take cues from Catalan vaulting techniques while also using some high-tech digital form-finding software. The entirely brick rooms and walls transform the roof into a usable landscape, allowing children to walk and play on top of the library.

Name: Miami College Garage
Designers: WORKac, Amale Andraos and Dan Wood
One-line description: A CAR PARK THAT IS ALSO A PLAYGROUND
Paragraph description: A facade for a multistorey car park in Miami's Design District. New York-based architects WORKac, produced a 122-centimetre-wide prototype for a vertical city of the future, complete with a series of public spaces stacked between the garage and a perforated metal screen. Connected by stairs, these spaces include: a gallery, children's play area, garden, DJ platform, lending library, listening lounge, fountain, bar, and space for pets.


Name: MK Gallery
Designers: 6a architects
One-line description: A NEW GALLERY FOR MILTON KEYNES
Paragraph description: A contemporary visual arts gallery in Milton Keynes. The new site, designed by 6a architects, is located at the edge of the city, establishing a new centre of an arts quarter. Inspiration for the build came from the origins of Milton Keynes – the development of urban areas as the government's response to a housing crisis in the 1960s. The design of the building was intended to reflect the grid that underpins Milton Keynes, its polished façade shifts ambiguously, while a neat circular window frames views over the surrounding park.
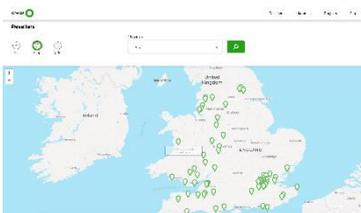
Name: Studio Opalis
Designers: Rotor and the Architectural Association
One-line description: AN ONLINE PLATFORM FOR REUSING ARCHITECTURAL WASTE
Paragraph description: Opalis is an online directory for contactors, architects and owners who wish to source reusable materials. In the same year that RIBA declared a climate emergency, it was announced that the production of cement for use in construction and infrastructure works was responsible for up to eight per cent of global of CO2 emissions. Belgian design practice Rotor identified a gap in the market for a bridge between second-hand dealers of building materials or scrap merchants and the architects or contractors who could use those materials to reduce costs and carbon emissions in their projects.

Name: ProxyAddress
Designers: Hildrey Studio
One-line description: A POSTCODE FOR LONDON'S HOMELESS
Paragraph description: A system that allows those faced with homelessness to avoid being severed from support the moment they lose

an address. Emerging British designer, Chris Hildrey, uses existing data to identify empty homes within a particular council and then generates a 'proxy' address that can be used by those facing homelessness to access services regardless of location. A trial is starting at Lewisham Council in south London along with a strategic partnership with homelessness charity Crisis.

Name: Punchbowl Mosque
Designers: Angelo Candalepas and Associates for the Australian Islamic Mission
One-line description: A HOME FOR SYDNEY'S ISLAMIC COMMUNITY
Paragraph description: A complex of buildings for the Australian Islamic Mission in Sydney designed to facilitate learning and strengthen a previously disparate religious community. Australian architect Candalepas created a raw-concrete mosque, whose ceiling includes ninety-nine concrete muqarnas, a traditional ornamental vaulted ceiling dome system often used in Arab mosques. Each is inscribed in gold with the ninety-nine Arabic names for Allah and includes a three-centimetre oculus at its centre, allowing the sun to stream through the building.

Name: Research into public money for public goods
Designers: Louise Carver
One-line description: A POST-BREXIT POLICY THAT LOCALISES FARMING
Paragraph description: In 2018 geographer Dr Louise Carver began researching a farming policy proposal by the UK Government's Department for Food and Rural Affairs. Called Public Money for Public Goods (PMPG), the document could benefit both smaller landowners and the natural environment on Britain's departure from the European Union. Displayed in the exhibition is a poster illustrating Carver's research into the history of agricultural policy in the UK and the potential of PMPG.

Name: The Shed
Designers: Diller Scofidio + Renfro (Lead Architect) and Rockwell Group (Collaborating Architect)
One-line description: AN EXPANDABLE PERFORMANCE CENTRE ON WHEELS
Paragraph description: The Shed is a new arts space located in New York. The building can expand and contract (by rolling the telescoping shell on rails) allowing the venue to schedule large-scale indoor and open-air programming on demand. Inside the main building, there are two levels of gallery space, a versatile theatre, a rehearsal space, a creative lab and an event space. The Shed's open infrastructure can be permanently flexible for an unknowable future and responsive to variability in scale, media, technology, and the evolving needs of artists.

Name: The Songyang Story
Designers: DnA_Design and Architecture
One-line description: A REGIONAL EFFORT TO REVITALISE VILLAGE LIFE
Paragraph description: A series of buildings in eastern China's Zhejiang Province that were developed as part of a social initiative. In response to an

urban explosion in China which will see over 300 million Chinese villagers moving into cities in the next ten years, Beijing-based architecture firm DnA, led by Xu Tiantian, began a collaboration with Songyang County to revitalise this rural area. Her primary programme was designed to serve the villages and villagers, to restore their heritage, and to stimulate tourism and rural economic development.

Digital

Name: alterego
Designers: Arnav Kapur with Jason Robinson, MIT Media Lab
One-line description: A VIRTUAL ASSISTANT COMMANDED BY YOUR THOUGHTS
Paragraph description: AlterEgo is a wearable neural interface that allows humans to command a virtual assistant by articulating words through thought. By reading neuromuscular signals sent from the brain to both the face and jaw during internal speech, the headset can identify the words you think and translate them into a response. The device sends audio feedback via bone conduction, without disrupting the user's auditory perceptions or unplugging them from their environment. The device is in prototyping stage and, once rolled out, could be fundamental in helping those unable to speak out loud due to illness or injury to communicate.
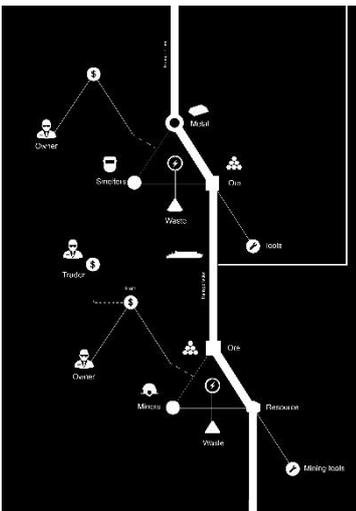

Name: Anatomy of an AI System
Designers: Kate Crawford of AI Now Institute and Vladan Joler
One-line description: A MAP VISUALISING THE REAL COST OF AI
Paragraph description: An anatomical case study of the Amazon echo as an artificial intelligence system made of human labour (data and planetary resources). The consensus among climate scientists is that human activity is the root cause of an ongoing planetary crisis. The way in which everyday decisions and the devices we buy can add to this issue are sometimes difficult to comprehend. Taking a consumer's conversation with Alexa, Amazon's voice-activated assistant, as its starting point, designers and researchers Kate Crawford and Vladan Joler created a map and essay to represent the impact of the creation, use and disposal of just one of the many Amazon Echo units that have been purchased to date.
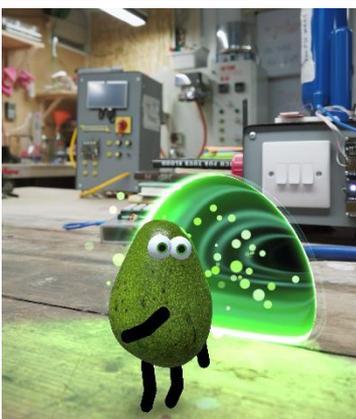
Name: Avo
Designers: Playdeo
One-line description: A GAME STARRING AN AUGMENTED-REALITY AVOCADO
Paragraph description: Avo, created by Playdeo founders Jack Schulze and Timo Arnall, is an augmented reality (AR) game inviting players inside an already recorded world, similar to the likes of Pokémon GO. Users direct a tiny AR-generated avocado, called Avo, which, in the story, has been brought to life by a young scientist.

Name: Meet Q: The First Genderless Voice
Designers: Virtue Worldwide, CopenhagenPride, Equal AI, Koalition, Thirty Sounds Good,Julie Carpenter and Anna Jørgensen
One-line description: A VOICE WITH A GENDER-NEUTRAL IDENTITY


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Paragraph description: Q is the world's first gender-neutral voice technology, designed by a group of linguists, technologists and sound designers aiming to eradicate technological gender bias. Made by combining the voices of five people who do not identify as either male or female, the voice was 'neutralised' through linguistically trained software.

Name: Myriad (Tulips)
Designers: Anna Ridler
One-line description: AN ARTWORK REFLECTING ON DATASETS
Paragraph description: Myriad (Tulips) is an installation created by artist and researcher Anna Ridler. It is made up of 10,000 polaroid photos of Dutch tulips that Ridler personally photographed and labelled by hand. The images are a 'training set' – the information given to an algorithm so it can learn – for a separate project. The artist has laboriously created her own dataset through capturing, organising and labelling the images. Through this, Ridler is showing the possibility of an alternative way of engaging with artificial intelligence (AI). For her, AI does not have to be owned or controlled by major corporations, but could instead be constructed and thought of from a more ground-up perspective.
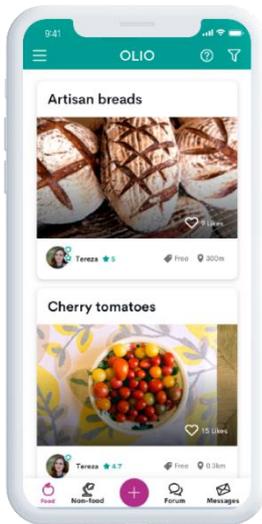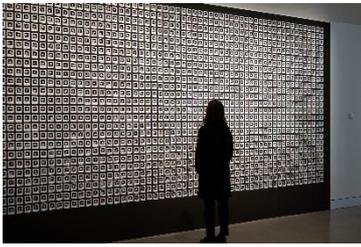
Name: OLIO – The Food Sharing App
Designers: Tessa Clarke and Saasha Celestial-One
One-line description: NEIGHBOUR TO NEIGHBOUR FOOD SHARING APP TO REDUCE FOOD WASTE
Paragraph description: OLIO is a food sharing app, created in the UK by business school friends Tessa Clarke and Saasha Celestial-One. Both founders have personal experiences that informed their understanding of the food industry and the effects of food waste. With one third of all the food produced in the world eventually going to waste, OLIO seeks to solve this massive global inequality through this neighbour-to-neighbour food-sharing app. Users simply upload a photo of their unwanted food with a short description and pick-up location, giving local fellow OLIO users all the information they need to share, instead of waste, surplus food. The platform has already been used by 1.5 million users in forty-nine countries.

Name: This Person Does Not Exist
Designers: Phil Wang and NVIDIA
One-line description: WEBSITE THAT GENERATES FAKE PORTRAITS
Paragraph description: When you visit the website This Person Does Not Exist, you will be greeted with the face of a stranger. Each time you click 'refresh', a new, completely convincing yet unfamiliar face appears. Except, as the title gives away, none of these people exist. Creator Phil Wang made the site using a new development in machine learning, called Generative Adversarial Networks (GAN). GAN forces two data sets to compete with each other in a game, encouraging each strand to learn from the other's mistakes.

Name: VFRAME: Visual Forensics and Metadata Extraction
Designers: Adam Harvey
One-line description: AN OPEN-SOURCE TOOLKIT FOR FORENSIC EXAMINATION

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Paragraph description: VFRAME is a computer vision toolkit designed for investigative purposes, aiming to bridge the gap between state-of-the-art artificial intelligence material used in the commercial sector and what is currently accessible to both human-rights researchers and investigative journalists. The software toolkit can process video collections by acting as a visual search engine. By locating similar images, the kit unlocks greater capacity for efficient data-analysis on a vast scale. Humanitarian researchers and activists rely on videos shared online to document war crimes and human rights violations. Manually reviewing this footage can be expensive, labour-intensive and often deeply traumatic.

Name: WikiD: Women, Wikipedia, Design
Designers: Architexx (Lori Brown), Parlour (Justine Clark; Virginia Mannering; Charity Edwards and Alysia Bennett of Monash University) and n-ails (Eleanor Chapman and Anna Schmalen)
One-line description: AN OPEN-SOURCE ARCHIVE OF WOMEN IN DESIGN
Paragraph description: WikiD is an initiative that aims to contribute more profiles of women architects to Wikipedia, including women who have greatly contributed to our built environment or are undervalued in existing articles. To date, the group has made 12,000 revisions, such as changing women's biographies from 'wife' to 'designer' and added over 200 new articles. In Australia alone, posts about women in the sector have increased ten-fold. It is a powerful initiative to provide balance in a still male-dominated profession.

Name: Xperia Touch
Designers: Sony Corporation
One-line description: A PORTABLE AND INTERACTIVE PROJECTOR
Paragraph description: Xperia Touch is a projector that turns a flat wall, table or even floor into an interactive interface. The portable device merges touchscreen and projection capabilities to open up the possibility for interactive viewing. Exceeding traditional projectors and adding a new dimension to the home and mobile projection experience, the design is compact and lightweight. The product has further features including human detection, ambient light and temperature sensors, and gesture control.

Fashion

Name: adidas Originals by Ji Won Choi
Designers: Ji Won Choi in collaboration with adidas
One-line description: A KOREAN-INFLUENCED SPORTSWEAR COLLECTION
Paragraph description: This fresh and bold capsule collection of streetwear for Adidas, is designed by Ji Won Choi. Drawing on inspiration from her Korean roots, Choi's first set of garments uses a striking palette of lilac, red, navy and green to reinvent the brand's iconic three-stripe motif. Her second collection revisits the monochrome colour scheme used in Adidas' first tracksuit. Choi was influenced by traditional Korean clothing, known as hanbok, that uses exaggerated silhouettes and architectural forms.

Name: Tommy Hilfiger Adaptive
Designers: Tommy Hilfiger team
One-line description: MODIFIED APPAREL FOR ADULTS AND CHILDREN WITH DISABILITIES
Paragraph description: Tommy Hilfiger's new Adaptive range addresses the urgent need for a collection of modified apparel, suitable for adults and children with different disabilities. Each garment includes a range of adjustments, including one-handed zips, magnetic and Velcro closures, and easy-open necklines. The simple act of putting on a T-shirt can be, for some, prohibitively difficult – Adaptive is a positive step towards better access for all bodies.

Name: Canister Jewellery
Designers: Stéphanie D'heygere
One-line description: A JEWELLERY RANGE WITH A SENSE OF HUMOUR
Paragraph description: Stéphanie D'heygere's witty and playful jewellery line is an innovative approach to individualising dressing. The collection gives the wearer the option to add their own touches to her designs. Using small 'canisters', wearers can insert cigarettes, flowers or even a lipstick through the cylindrical containers that make up this jewellery.

Name: Chromat AW19 'Climatic' Collection
Designers: Becca McCharen-Tran
One-line description: A SWIMWEAR LINE FOR ALL BODY SHAPES
Paragraph description: Chromat's founder, Becca McCharen-Tran, has used her position inside the fashion industry to continually challenge assumptions about colour and materials, as well as traditional notions of beauty. This collection addresses two additional concerns: climate change and labour rights. The swimwear is made of a sustainable regenerated nylon fabric, recovered from fishing nets across the world's oceans. Only fair-wage factories were used in the production of the garments, demonstrating the brand's place at the forefront of ethics in the fashion industry.

Name: Costume design for Die Zauberflöte (The Magic Flute)
Designers: Walter Van Beirendonck
One-line description: A COSTUME DESIGN FOR AN OPERA USING PUPPETRY
Paragraph description: Magic Flute is an opera adaptation by Yuval Sharon and was staged at the State Opera in Berlin – the first new production there for twenty-five years. Belgian fashion designer Walter Van Bierendonck designed the set for the production, which included a magical collection of puppets floating from the ceiling as if being played with in real time. The designer studied the history of puppet design, drawing on a range of influences from Bauhaus performance attire to puppetry arts from ancient Egypt.

Name: Costume design for The Favourite
Designers: Sandy Powell
One-line description: A LOW-BUDGET DESIGN FOR AN OSCAR-WINNING FILM
Paragraph description: Costume designer Sandy Powell made every garment in Oscar-winning period film *The Favourite* in under six weeks and on a shoestring budget, sourcing cheap materials such as second-hand jeans and old laser-cut leather. Powell's interpretation of eighteenth-century regalia, memorably worn by Olivia Colman, Emma Stone and Rachel Weisz, was described as 'punk rock'.

Name: Fashion Statements
Designers: Viktor&Rolf
One-line description: A MEME-WORTHY COUTURE COLLECTION
Paragraph description: Pithy slogans pulled from social media memes and souvenir t-shirts form the centrepiece of Viktor & Rolf's 'fashion statements' dresses. Presented during haute couture season at last year's Paris Fashion Week, the whole collection was made from eight kilometres of tulle and designed with layers of optic stripes that make sculptural silhouettes, a surreal backdrop to the seemingly unrelated statements. The dresses proliferated across social media, becoming viral memes in their own right.

Name: Floating Knit Dress
Designers: Chen Zhi
One-line description: A FASHION DESIGNER USING HIGHLY ENGINEERED WOOL
Paragraph description: i-am-chen's founder Zhi Chen's Floating Knit Dress is part of a wider Spring/Summer 2019 collection called Green Papaya. The garment was inspired by the designer's love of the 1993 Vietnamese film *The Scent of Green Papaya*. She wanted to capture details from the film – such as water droplets trembling on leaves, colourful bugs and dots of sunlight – in the knitting techniques and colour scheme.

Name: Güerxs Agency
Designers: María Osado
One-line description: A MODELLING AGENCY FOR EVERYDAY BEAUTY
Paragraph description: María Osado founded the modelling agency Güerxs in 2016 to celebrate the diversity of faces in her native Mexico. Osado was aware of Eurocentric beauty standards commonly featured in fashion advertisements in and around the city. She began casting people from the streets and working with mainstream brands. The success of her agency demonstrates that local models with deep cultural roots have as much beauty and charisma, as well as potential and earning power, as the faces usually seen in mainstream fashion.

Name: Green Lettuce Slides
Designers: Mats Rombaut
One-line description: A PAIR OF VEGAN FLIP FLOPS
Paragraph description: Using a range of vegetables and plants – Belgian designer, Mats Rombaut's bioplastic 'vegan lettuce slide' is a wryly literal interpretation of what non-meat shoes should look like. These pool-side sliders identify the Rombaut brand as vegan and eco-innovative, while also playfully poking fun at the fashion industry's current 'ugly shoe' trend.

Name: Manifesto of Fashion as Resistance
Designers: Carla Fernández
One-line description: A COLLECTION PROVING THAT FASHION IS NOT EPHEMERAL
Paragraph description: Carla Fernández's manifesto of 'Fashion as Resistance' was performed by a live chorus, accompanying the staging of pieces from five fashion collections, in an event that highlighted the designer's commitment to decolonisation and social justice. Fernández preserves the rich textile and artisanal heritage of Mexico's indigenous communities, while introducing an avant-garde modernity to her work.

Name: Reebok by Pyer Moss
Designers: Kerby Jean-Raymond
One-line description: A STREETWEAR COLLECTION ADDRESSING RACE IN THE USA
Paragraph description: Kerby Jean-Raymond is a Haitian-American fashion designer and founder of the menswear label Pyer Moss. He rose to prominence in the fashion industry after his Spring/Summer 2016 collection, whose show highlighted police brutality against the African-American community in the United States. In the new collection for Reebok, Pyer Moss underlines its commitment to telling the story of under-represented groups of Americans. Drawing on the style of late-nineteenth-century cowboys, Jean-Raymond reimagines the figure of black youth as both regal and spiritual.


Name: SS18 collection
Designers: Lisa Folawiyo
One-line description: A CELEBRATION OF A WEST AFRICAN TEXTILE
Paragraph description: Lisa Folawiyo's brightly coloured patterned textiles are exclusively made of traditional wax-print textiles, derived from a Dutch process but made in West Africa. The fabric goes through resin-resist dying, and is then block-printed, adorning the bleached cotton with jewel-toned motifs on both sides. Folawiyo is part of a generation of Nigerian designers modernising a fabric that she notes her 'mothers, grandmothers and probably great-grandmothers' have worn, while paying it delicate homage.

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Graphics
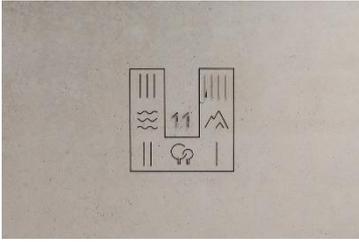
Name: Amorepacific architectural branding
Designers: Sascha Lobe at Pentagram with L2M3
One-line description: A WAYFINDING SYSTEM THAT USES PICTOGRAMS
Paragraph description: Pentagram worked closely with David Chipperfield Architects to design the architectural branding, environmental graphics and signage for the new Seoul headquarters of cosmetics company Amorepacific. The signage combines letterforms, numerals and pictograms that refer to the four principal geographical features outside – river, mountain, park and city – with a representation of the building itself to help orientate visitors. Pentagram further responded to visitors' needs by creating a new typeface, Latin, that solves the difficult problem of creating visual consistency across the very different written forms of English, Chinese and Korean.

Name: Elements of Architecture
Designers: Irma Boom
One-line description: AN ENCYCLOPEDIC STUDY OF ARCHITECTURE'S PARTS
Paragraph description: Dutch architect Rem Koolhaas's Elements of Architecture totals an impressive 2,600 pages. The book, initially published in fifteen smaller pamphlets for Koolhaas's contribution to the 2014 Venice Biennale, studies the fundamental elements of buildings, from their entirety down to minutiae. Koolhaas called on fellow Dutch designer Irma Boom to assist in the redesign of this hefty tome. For Elements, unusually, the introduction is placed at the centre of the book rather than the beginning, as Boom's innovative introduction of a split spine forces the book to fall open flat – and therefore at the middle – despite its immense thickness.


Name: Hutong Mushroom
Designers: Li Han and Jin Qiuye
One-line description: A PUBLICATION ON ALTERNATIVE CHINESE URBANISM
Paragraph description: The publication Hutong Mushroom stemmed from a research project conducted with urban-studies students at the Beijing University of Civil Engineering and Architecture (BUCEA). Organised by Li Han of Drawing Architecture Studio and Professor Jin Qiuye of BUCEA, students designed speculative dwellings for the residents of Beijing's historic hutongs (alleys formed by rows of traditional courtyard residencies), which are rapidly being demolished. The project aimed to expand the definition of what architecture is, and who can and should practise as an architect. The students, who have not yet been accredited as practising architects, presented work about the city in the form of a model, but also through writing, images and film.
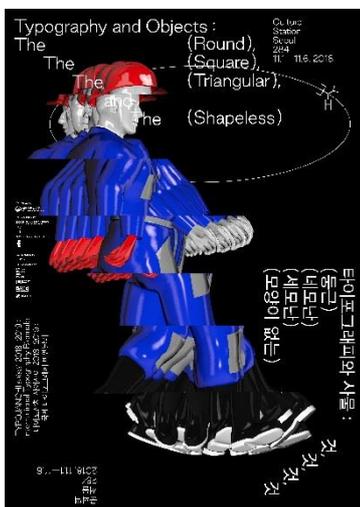
Name: International Typography Biennale: Typojanchi saisai 2018-2019
Designers: PANGPANGPANG
One-line description: A BIENNIAL POSTER THAT MOVES
Paragraph description: PangPangPang is a Korean graphic design studio consisting of two young designers. For the International Typographic Biennale in Seoul, they produced a series of interactive digital posters,

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responding to the biennale's theme 'typography and objects'. The studio has incorporated various objects, like chairs and traffic cones, that appear, disappear and spin around in front of viewers' eyes. Through these forms, they comment on the relationship between digital media and objects, by cleverly introducing a 3D element to the poster, which is traditionally a flat object.

Name: Led By Donkeys
Designers: Oliver Knowles, Will Rose, James Sadri and Ben Stewart
One-line description: A CAMPAIGN HIGHLIGHTING POLITICAL HYPOCRISY
Paragraph description: Led By Donkeys is an anti-Brexit direct action group. They screenshot verbal or written statements from pro-Brexit politicians, blowing them up to billboard size and formatting them to look like the popular social-media platform Twitter, to remind the public and the politicians themselves about previous comments.


Name: MOLD Magazine
Designers: LinYee Yuan, Johnny Drain, Eric Hu, Matthew Tsang and Jena Myung
One-line description: A QUARTERLY PUBLICATION ON THE FUTURE OF FOOD
Paragraph description: MOLD is a magazine, read in more than 20 countries that is devoted to discussing food. The magazine, dissects how designers are addressing multiple food crises, and working with food design and technology firms. MOLD is also a creative platform for all things related to the future of food, from 3D food printing via cellular agriculture to the ability of beautifully designed tableware to enhance flavour. The magazine showcases the innovative ideas that will revolutionise how we think about our food, how we produce and prepare meals. The success of the magazine extends beyond its content to its futuristic graphic identity, art directed by Nike's head of global sportswear Eric Hu and SSENSE's Matthew Tsang.
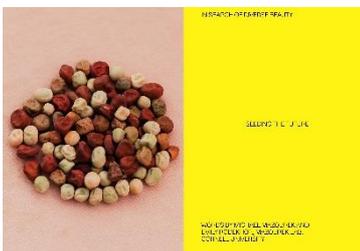
Name: notamuse – A New Perspective on Women Graphic Designers in Europe
Designers: Silva Baum, Claudia Scheer and Lea Sievertsen
One-line description: A BOOK CELEBRATING NEW FEMALE DESIGNERS
Paragraph description: notamuse is Silvia Baum, Claudia Scheer and Lea Sievertsen's response to the lack of female role-models in the graphic design industry. Their publication was a Kickstarter crowdfunded project, which shares the work of 54 new female graphic designers, and interviews theorists and thinkers in the field to investigate this imbalance. The book celebrates contemporary designers like Anja Kiser – her Whose Agency project is displayed nearby – and Offshore Studio's Isabel Seiffert.
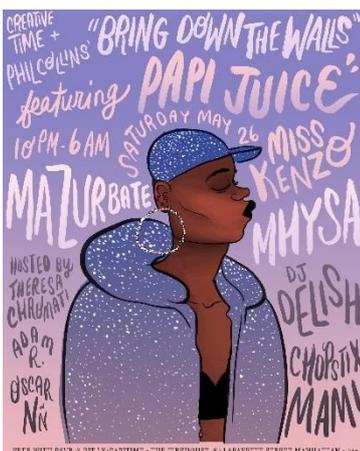

Name: Papi Juice
Designers: Mohammed Fayaz, Oscar Nuñez and Adam Rhodes
One-line description: A COLLECTIVE FOR QUEER AND TRANS PEOPLE OF COLOUR
Paragraph description: Papi Juice is an art collective based in Brooklyn, New York, that has been nominated for its inimitable poster campaigns, which celebrate the lives of trans and queer people of colour. Founded in

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2013, the group are best known for their residencies at influential underground nightclubs like Elsewhere, and have programmed events for institutions including the Metropolitan Museum of Art. Illustrator Mohammed Fayaz, also known as Mojuicy, co-founded the group – their poster promoting Papi Juice's first event was their first paid job as an illustrator.

Name: Shoplifters 8: New Type Design
Designers: Actual Source (Davis Ngarupe and JP Haynie) with Gunnar Harrison, Katrina Peterson and Walker Croxton
One-line description: A COMPENDIUM OF NEW TYPEFACE DESIGNS
Paragraph description: 'Shoplifters is a biannual publication by Actual Source, an independent publisher, shop and graphic design studio based in Provo, Utah, and founded by Davis Ngarupe and JP Haynie. A 600-page typographic tome that represents a new generation of type designers. This year marks the Bauhaus centenary and New Type Design can't help but evoke Die Neue Typographie ('The New Typography'), a revolutionary 20th-century movement in graphic design and typography. This is a tough act to follow. But New Type Design succeeds by showing that some of the same social forces continue to shift aesthetics – art, technology and commerce – and that, despite changing ideologies, new times still require new typography. New Type Design demonstrates that 'newness' is a tool used by stylists, classicists, revivalists and revolutionists alike to create novel forms.' – Nominated by Zak Kyes

Name: UK Student Climate Network placards
Designers: Play Nice and ILOVEYOU Agency in collaboration with UKSCN youth strikers, Harry Butt, Indiana Lawrence, Will Knight, Lena Manger and Axel Lagerborg
One-line description: A STUDENT-LED PLEA TO END OUR ENVIRONMENTAL CRISIS
Paragraph description: In August 2018, 15-year-old activist Greta Thunberg began protesting outside the Swedish parliament, demanding politicians take immediate action to combat climate change. Unsatisfied by their response, she called for children around the world to go on strike from school until a meaningful change was made. Less than a year later, on 15 March 2019, an estimated 1.4 million students in 112 countries heeded her call to strike and protest. Creative agency ILOVEYOU teamed up with Play Nice and the UK Student Climate Network to commission five new artworks for the students to take with them as placards. Pairing five designers with five young activists, each poster can be downloaded anywhere in the world and reused. The strikingly designed placards express the urgent demands of the children and remind us, in Thunberg's worlds, that the Earth is very much 'on fire'.

Name: Who Are You Here To See?
Designers: Mona Chalabi
One-line description: A DATA-VISUALISATION PROJECT
Paragraph description: Mona Chalabi is a New York-based data journalist and illustrator. Her visualisations shed light on otherwise faceless statistics, making her a popular commentator on contemporary politics. Taking statistical reports that highlight various global inequalities – such as the political crisis in Venezuela, or how minorities are more affected by air pollution in the United States – she visualises data through poignant

illustrations. In this work, Chalabi was influenced by a 2014 report by Tate Galleries, stating that only fifteen per cent of artists in their collection are women. She further investigated these findings by calculating what the breakdown of identities was in a US museum collection of 100 artists. Her analysis showed a similarly shocking disparity: seventy-five white would dominate.

Name: whose.agency
Designers: Anja Kaiser in collaboration with feminist networks and individuals all over Europe
One-line description: A FEMINIST AD CAMPAIGN
Paragraph description: In 2017, graphic designer Anja Kaiser organised a digital advertising campaign on the streets of Leipzig as part of the INFORM Prize for Conceptual Design. She used digital city light posters as a medium to display her uniquely designed classified ads in solidarity with feminist activism. Going on to win the prize, she used the winning funds to set up a robust website and digital platform, whose.agency, which promotes feminist causes and individuals, like political groups, musicians, cultural producers and artists. Online, anyone can apply for Kaiser to design and install posters highlighting needs common to the feminist community, like salary demands for reproductive work, personal ads, political group statements or calls for donations.

Name: Wolves
Designers: SomeOne
One-line description: A FOOTBALL-CLUB IDENTITY CELEBRATING ITS REGION
Paragraph description: A new brand identity for Wolverhampton Wanderers Football Club following their victory in the 2017–18 Championship. Influenced by the region's rich heritage in steel and iron-mongering, the new logo contains a three-dimensional wolf head made of iron. Again in keeping with the club's namesake, the font appears to have been slashed by wolf claws. The identity has been praised by core supporters and international fans alike for its careful re-appropriation of an already existing personality.

Product

Name: 1 Inch Reclaimed stacking chair
Designers: Jasper Morrison for Emeco
One-line description: A CHAIR MADE OF WASTE THAT WILL LAST FOR LIFE
Paragraph description: A one-piece mono-block stackable chair, the 1 Inch Reclaimed stacking chair is made from injection-moulded plastic. Jasper Morrison used leftover industrial waste materials comprising 88% reclaimed polypropylene from manufacturer Emerco, alongside 2% waste wood fibre, in his construction. With its simple shape, refined uniformity of a single material and quiet grace, Morrison's chair is engineered to meet the demands of high-traffic environments, indoors as well as outside.

Name: Bacteria Lamp
Designers: Jan Klingler
One-line description: A GLOWING CELEBRATION OF GERMS
Paragraph description: The Bacteria Lamp is a microbiological glass lamp created by Swedish designer Jan Klingler. To create the distinctive designs, Klingler takes bacterial samples from people and places with personal meaning. After a growth period of twenty-four to forty-eight hours, the microorganisms are fully sealed and captured in stasis; with the unique patterns highlighted by an LED light source that is incorporated into the custom silicone plug.
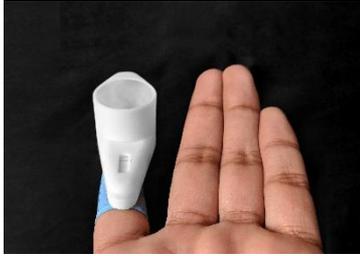
Name: CATCH: The HIV Detector
Designers: Hans Ramzan
One-line description: A SIMPLE AND AFFORDABLE HIV TEST
Paragraph description: CATCH is a low-cost, user-friendly, self-testing device that detects HIV created by British product designer Hans Ramzan. The product is specifically designed for people in emerging nations where easy access to healthcare, education and infrastructure otherwise prohibits early diagnosis. Users can operate the pocket-sized device in three easy steps within the privacy of their own home.

Name: denqul
Designers: nendo for Sugita Ace
One-line description: A BATTERY PACK THAT CHARGES WHEN SHAKEN
Paragraph description: Using an L-shape design, this clever and simple mobile battery-charger by Japanese studio nendo allows users to generate their own emergency power-supply, combining the principles of centrifugal force and the weight of a lithium battery. Users can easily extend and swing the L-shaped lever within one hand to charge their smartphone in a blackout or disaster situation, providing access to communication, lighting and critical information.

Name: Elvie Pump
Designers: Elvie
One-line description: A QUIET AND HANDS-FREE BREAST PUMP
Paragraph description: The Elvie Pump is the world's first silent, wearable, hands-free breast pump. London-based start-up Elvie designed the Elvie Pump to give mothers, working or otherwise, the flexibility to go about their daily routine while pumping. The pump can be worn inside a standard nursing bra, eliminating the need to worry about cords and wardrobe changes or the sound of traditional electric breast pumps.

Name: ExCinere
Designers: Formafantasma for Dzek
One-line description: A TILE MADE FROM MOUNT ETNA'S ASHES
Paragraph description: A collaboration between London-based fabricator Dzek and Amsterdam-based studio Formafantasma, ExCinere is a collection of glossy tiles that use volcanic lava as a raw design material. The glossy tones are derived from mixing and firing varying quantities, particle sizes and densities of volcanic matter, with the tiles available in four volcanic tone glazes. The project is inspired by the impact of mass-tourism on the landscape and culture of Mount Etna and Sicily.

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Name: Flora
Designers: Marcin Rusak
One-line description: A FLORA MEMENTO MORI
Paragraph description: Created by designer and artist Marcin Rusak, Flora Table is made with real flowers submerged in resin. Rusak developed a method where flowers can be placed in resin which, once dry, can be cut into various shapes to show the petals inside. He began researching the potential use of flowers in product design two years ago, thinking of ways to incorporate 'flora' into physical objects.

Name: FREKVENS audio and lighting
Designers: teenage engineering for IKEA
One-line description: A SPEAKER SYSTEM WITH PERSONALITY
Paragraph description: FREKVENS (translating from Swedish to 'frequency' in English) is a new playful and portable home audio system designed by IKEA in collaboration with Stockholm-based 'teenage engineering'. The partly-modular system includes a turntable, speaker and lighting equipment, with some assembly required. The design of the range combines IKEA's minimalism with teenage engineering's bright colours, as seen on the company's popular OP-1 synthesiser and sampler.

Name: ThisAbles
Designers: IKEA, Milbat, Access Israel and McCann Tel Aviv
One-line description: A HACK TO MAKE IKEA FURNITURE ACCESSIBLE
Paragraph description: IKEA have collaborated with non-profit organisations Milbat and Access Israel to develop a new line of 3D printed products to bridge some of the gaps between existing IKEA products and the needs of people belonging to differently abled populations. The ThisAbles project was carefully conceived with a designated site that was constructed for the project and adapted for people with disabilities. These add-ons are downloadable for free from their website or available for purchase from IKEA.

Name: Lia
Designers: Bethany Edwards and Anna Simpson of LIA Diagnostics
One-line description: A DISCREET PREGNANCY TEST FOR A GREENER PLANET
Paragraph description: Lia is the first holistic redesign of the pregnancy test for thirty years. Proven to disintegrate 100% if disposed of correctly, Lia is made of a similar coated material to most toilet paper, breaking down when flushed and completely biodegradable in soil. The US-based company aims to provide an alternative to existing plastic pregnancy tests, which contribute two million kilograms of non-recyclable waste to US landfills each year.
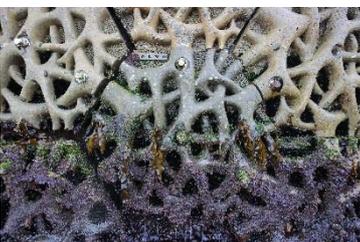
Name: The Living Seawall
Designers: Reef Design Lab, Sydney Institute of Marine Science, whiteGREY and Volvo Car Australia
One-line description: A MARINE WALL TILE FOR COMBATTING POLLUTION
Paragraph description: Living Seawall is an interdisciplinary collaboration to open a broader conversation on the current crisis of pollution of the

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ocean with plastics. Scientists at the Sydney Institute of Marine Science and the car manufacturer Volvo worked together with Reef Design Lab to create 3D printed tiles that mimic the root structure of native mangrove trees to create viable marine habitats. This aids biodiversity and attracts filter-feeding organisms that absorb and filter out pollutants – such as particulate matter and heavy metals – keeping the water 'clean'.

Name: meaninglessness
Designers: Su san Cohn and David Pledger
One-line description: A POLITICAL JEWELLERY COLLECTION FOR ASYLUM SEEKERS
Paragraph description: Led by Australian jewellery designer Su san Cohn and performing artist David Pledger, 'meaninglessness' is an interdisciplinary performance talk in response to the 2016 Danish Jewellery Legislation, which required that all jewellery and valuables belonging to refugees considered to be meaningless would be confiscated to help pay for their living costs. The performance first took place at the Bækkelund International Residency Center for Artists in Denmark in 2017, with a further performance at the Design Museum in Copenhagen in 2018.

Name: MySleeve
Designers: Marie Van den Broeck
One-line description: AN ADD-ON TO MAKE CRUTCHES MORE COMFORTABLE
Paragraph description: MySleeve is a silicone cover that is mounted onto a crutch handle to help eliminate sore hands, improve grip and prevent crutches from falling. The comfortable material protects against blisters and provides grip, and the magnet allows the crutches to snap together when freestanding or for the user to pick up a dropped crutch with the other. MySleeve was designed by Marie Van den Broeck, a young Dutch student, in response to her grandmother's difficulties with crutches.

Name: NUATAN
Designers: crafting plastics! studio
One-line description: A PLASTIC MADE OF PLANTS
Paragraph description: NUATAN is an oil-free bioplastic solution that is fully biodegradable in industrial compost, leaving no carbon footprint behind. Bratislava-based studio 'crafting plastics!' worked in close collaboration with material scientists to create a more durable bioplastic material, which can withstand temperatures of over 100 degrees Celsius and has an estimated lifespan of 1-50 years depending on blend composition. Its biocompatibility means that it can be safely consumed by fish and other marine life, helping to reduce plastic waste in oceans.

Name: Rennes and Chainette
Designers: Ronan & Erwan Bouroullec for Kvadrat
One-line description: A CURTAIN THAT REACTS TO LIGHT BY CHANGING COLOUR
Paragraph description: Two curtains, Rennes and Chainette, have been constructed from a mechanised form of embroidery in which two diverging material forms play with light and shadow. Rennes has distinct wide stripes that intersect, creating bold, colourful forms; Chainette is more transparent, with delicate indications of colour softly reacting to light. Designed for

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Kvadrat, both curtains are reminiscent of handcrafted embroideries combined with Ronan and Erwan Bouroullec's precise and engineered pattern technique.

Name: Super Fake – rug collection
Designers: Bethan Laura Wood
One-line description: A RUG FOR A POST-SNAPCHAT WORLD
Paragraph description: Each rug in the Super Fake collection by British designer Bethan Laura Wood is based on different rock forms, inspired by an age-old collision of man-made objects with nature. The collection was handmade using skills that have been developed over centuries by Tibetan artisans and are made of cotton weave, Himalayan wool, pure silk and linen. Each individual rug is based on the surface patterns created through the organic build-up of sediment of a different rock form.

Name: Tierrafiltra : vamos a limpiar agua con tierra / we can clean water with earth'
Designers: Amara Abdal Figueroa and Iser Caribe with Potters for Peace
One-line description: A CLAY WATER FITLER FOR PUERTO RICO
Paragraph description: Tierra Filtra is a water filter made from locally sourced clay that aims to improve the water quality in Puerto Rico. After hurricanes Maria and Irma struck the island in 2017, a third of the country was left without access to clean water. The team behind the filter includes Maati, a ceramics studio in Columbia, and the NGO Potters for Peace, which aims to provide the skills and technical support needed to establish ceramic filter factories.

Transport

Name: CanguRo
Designers: Shunji Yamanaka and Future Robotics Technology Center (fuRo) at Chiba Institute of Technology
One-line description: A MOBILITY ROBOT THAT RESPONDS TO YOUR COMMANDS
Paragraph description: CanguRo (Italian for 'kangaroo') is an autonomous assistant that reconstructs itself into an intelligent self-driving vehicle at the tap of a button. It is capable of either carrying your shopping or giving you a ride home, featuring force sensors that allow the robot to change its posture accordingly for a more comfortable ride. The robotics teams behind this project hope to forge new relationships between humans and machines in the era of artificial intelligence.

Name: Direct Vision Standard
Designers: Transport for London with Loughborough University
One-line description: A GOVERNMENT POLICY TO PROTECT CYCLISTS
Paragraph description: Most of today's heavy goods vehicles (HGVs) are considered unfit for urban environments, with poor direct lines of vision and large blind spots. To address this, Transport for London worked with Loughborough University to develop the world's first Direct Vision Standard (DVS), which rates HGVs from zero to five stars. Due to the success of the guidelines, DVS is being included in the European Union's regulations for vehicle design and safety.

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Name: GACHA Self-driving Shuttle Bus
Designers: MUJI and Sensible 4
One-line description: A 'SELF-DRIVING BUS FOR ALL WEATHER CONDITIONS
Paragraph description: A collaboration between minimalist Japanese furniture company MUJI and Finnish autonomous driving company Sensible 4, GACHA is a 'self-driving' bus that functions under all weather conditions. With no defined front or back, the gently rounded, square-shaped bus will serve regions that have suffered population decline and older citizens who can no longer safely drive. It is now test-driving in three Finnish cities, with a plan for the vehicle to be rolled out in 2020.

Name: Glove
Designers: Loffi
One-line description: A CYCLING GLOVE WITH A SMILE
Paragraph description: A cycling glove that combines the universal symbol for a friendly smile with extra padding and light-reflective material, Glove was conceived as a way of reducing anger and animosity on roads by creating a meaningful moment between cyclists and drivers. UK-based company Loffi first ran Glove as a Kickstarter campaign that was fully funded within the first 32 hours and have received positive reviews from the cycling community.

Name: JUMP electric bicycle and scooter
Designers: JUMP by Uber
One-line description: AN ELECTRIC CITY BIKE RENTABLE THROUGH YOUR PHONE
Paragraph description: Following a decrease in car-trips and a rapid uptake in bikes, taxi-sharing app Uber have launched a fleet of smart electric bikes and scooters called JUMP. The pedal-assisted bikes self-diagnose faults, respond to real-time geographical changes and automatically implement compliance to speed limits. Users can find and rent a bike using the Uber app in the UK.

Name: NERA
Designers: Marco Mattia Cristofori and Daniel Büning of NOWLAB at BigRep
One-line description: A PRINTED MOTORBIKE
Paragraph description: NERA is the first 3D-printed motorbike from German additive manufacturer BigRep, through its innovation arm NOWLAB. Designed with airless tyres and a fully electric engine, all parts of the bike have been 3D-printed – including the tyres, rim and seat – excluding only electrical components. NOWLAB used a fused filament fabrication (FFF) process to 3D-print NERA, where a continuous spool of filament is fed through a moving, heated printer extruder-head.

Name: Pop.Up Next
Designers: Italdesign with Airbus and Audi
One-line description: A SPECULATIVE FLYING DRONE FOR CITY DWELLERS
Paragraph description: Pop.Up Next is a two-seater car that doubles as a vertical take-off and landing (VTOL) aircraft by design and engineering

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company Italdesign in collaboration with Audi and Airbus. Commuters simply 'eject' the futuristic VTOL section from the car base, which remains on the ground. The vehicle is also fully electric, in line with global efforts to reduce the carbon emissions to zero by 2050. The new design addresses both increasing city traffic and the environmental impact of transportation.

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