

IRIDESCENCE

PRESENTED BY

THE HOLOGRAM FOUNDATION (PARIS)

AND CENTER FOR THE HOLOGRAPHIC ARTS (NEW YORK)

MICHAEL BLEYENBERG
PATRICK BOYD
LANA BRISCELLA
PASCAL GAUCHET
SETSUKO ISHII
FRED UNTERSEHER

An exhibition of new art holograms created by six artists selected through an international competition





MICHAEL BLEYENBERG GERMANY

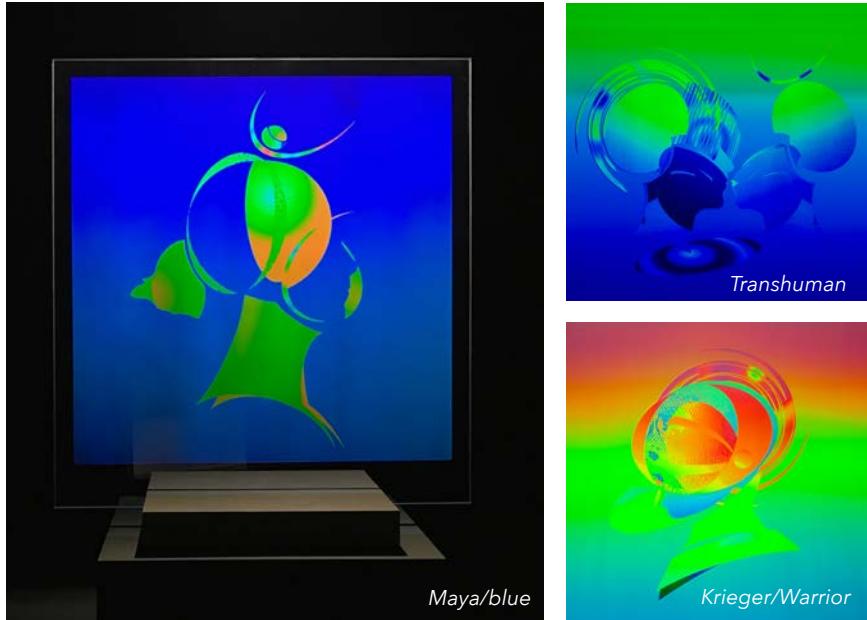
'Architecture and light, the permanent and the ephemeral can be put into a state of creative tension.'

Describing his work as 'light architecture' Bleyenberg is best known for his large scale installations using diffractive holographic elements and dot-matrix hologram prints. He considers these holograms as projectors, casting light through space. He calls them 'Agents of light'. While such holograms have no image depth the shifting colors produce a different dimension.

Bleyenberg trained and practiced as a painter before focusing on compositions with optics and light. He has exhibited extensively in Europe and was featured in MIT Museum's *Luminous Windows: Holograms for the 21st Century*. Bleyenberg's public art commissions include *EYEFIRE* holographic wall for the DFG (German Research Foundation), Bonn, Germany and *New Burlington Flare* diffractive light installation for New Burlington Place, London, England among others.

www.bleyenberg-light-art.com

RENAISSANCE:RE is a series of holographic portraits which (re)establishes a connection to the Italian renaissance painters of the 15th century and the masters of early Dutch painting. Quite a number of these artists used optical aids. They employed mirrors, prisms and lenses to create their highly detailed and realistic paintings and drawings. Like today, attaching importance to the science and technique of their time lead these artists to new ways of artistic depiction.



Combining drawing and computer generated sketches Bleyenberg's portraits link together concepts in art and philosophy. His research into the relationship of optics to painting styles informs these works which seek to push the application of light as a pictorial tool. Dynamic drawings of light are composed with the undulation of spectral color.

*Krieger/Warrior, Audrey/Maya, LadyFlemish, Transhuman,
and Maya/blue*, 2016/17

Dot-matrix holographic prints, 19" x 20"
Edition of 3 + 1 artist copy. Price \$5300

The dot-matrix holograms created with additional support from
Tobias Wolter at G+B pronova in Germany.

Shaman, 2016

Self portrait of people who are absent. A hommage to his art teacher Norbert Tadeusz and art teacher's teacher Joseph Beuys.
Reflection hologram from combined pulse laser recordings, 12" x 16"
Edition of 2 + 1 artist copy. Price \$5300

The technical realization of *Shaman* was made in collaboration with Detlev Abendroth at AKS Holographie in Germany.



Hobby Horse (detail)



Morris Dancers I

PATRICK BOYD UK

Boyd's work brings attention to the element of time in holographic images. He creates holograms from sequences of photographic footage that capture action within the hologram. Boyd photographs every-day events with a 'hand-held' vernacular style placing the viewer as bystander within the scene. His work with pulse laser hologram recording takes a very different approach. Here the narrative is told through objects, often worn by the subject in meticulously constructed fictitious scenes.

'My works of meticulously created installations & captured sequences blur the boundaries between two & three dimensions. I try to present a colourful world where real life, narrative, light & shadow connect & collide.'

Boyd has an MA in Photography and Holography from the Royal College of Art, London and was a Fellow in Media Arts at the Academy of Media Arts, Cologne. He was awarded a year-long artist residency at the Museum of Holography in New York and has created multiple projects through the HoloCenter pulse laser residency program. His solo exhibitions include Butler Museum of American Art, Youngstown, Ohio, USA; Royal College of Art - Link Gallery, London, UK and Art House, Takasaki and Neuse Gallery, Maiebashi, Gunma-ken, Japan.



Four Musicians



installation view

MORRIS DANCERS 2016/17. Combining motion, emotion and humor Boyd captures the strange English tradition of the Morris dancers. These traditional dances with uncertain origins can be traced back as far as the 15th Century. Drawing on the aesthetics of vernacular photography Boyd captures the view of a casual bystander. These views are then layered like photographs. The sequences are combined into rhythmic compositions that create a holographic impression of a photographer watching.

Morris Dancers I, 7" x 8.5" Unique + 1 artist copy

Morris Dancers III, 7" x 10.5" Unique + 1 artist copy

Four Musicians, 7.5" x 10.5" Unique + 1 artist copy

Morris Tree, 8.5" x 11" Edition of 2 + 1 artist copy

Hobby Horse, 8.5" x 11.5" Edition of 2 + 1 artist copy

Animated reflection holograms, dichromate gelatin embedded in glass
Price \$3200 each, with mounting bracket

Boyd's fascination with patterns of everyday movement is an ongoing theme. For *Terminus I* the flow through the turnstiles of the London Underground becomes the subject.

Terminus I, 2016/2017

Animated reflection hologram, dichromate gelatin in glass 8.5" x 10"
Unique + 1 artist copy. Price \$3200, with mounting bracket

Master recordings created at the artist's studio in Wales.
Hologram prints created at the Light Foundry, USA with August Muth.



LANA BRISCELLA USA

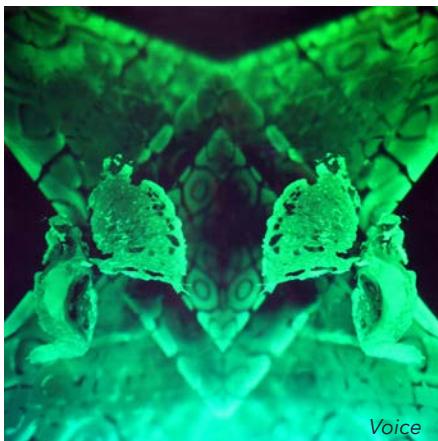
Briscella combines design and art with a focus on complex systems and emerging technologies. Her inspiration comes from the cohabitation of nature, contemporary materials and technology with the spiritual journey of the human being. Her projects develop form and pattern through digital and physical manifestations.

Briscella is a co-founder of Aminimal, an experimental design studio based in Brooklyn, New York. She was part of the Autodesk Artist Residency program in 2015. Briscella holds a Masters in Industrial Design from the University of Applied Arts, Vienna, Austria.

www.aminimalstudio.com/art#/celestial-ballerina/

CELESTIAL BALLERINA redefines the classical ballet and moves the performance off the stage and into a new digital realm by merging the worlds of technology, art and dance. Each work offers a captivating glimpse of the emerging art form of digital holography by harnessing the power of the ballet.





Briscella's approach to art and technology is to make tangible worlds from the digital. Using the technological element of 3D scanning, she recreates moments of time and motion. The perceived imperfections of technological glitches are juxtaposed with delicate patterns producing an aesthetic that highlights a digital interpretation of dynamic space.

'Capturing the dance movements created 3D sculptures - your body becomes the brush. The beauty of a human body becomes visible. The hologram can be seen as a stage - they tell a story of the movement and the visual impact of Diana's creations. It is a prototype of the future performances and art where reality merges with projections. Transcend time through movement. Transcend space through holograms - the reality is a projection.'

CELESTIAL BALLERINA series, 2016

Sculptures of motion in environments inspired by the chakras and developed through generative computer art

Birth, Ground, Heart, Vision and Voice

Digital reflection holograms, 24" x 24"

Unique. Price \$3100 each

Prints created with additional support from Zebra Imaging, USA.



Caillac

PASCAL GAUCHET FRANCE

Pascal Gauchet studied creative photography at Nottingham Polytechnic, UK, and founded Atelier Holographique in Paris. He produced numerous commissions for Cartier, Christian de Portzamparc, Van Cleef & Harpels, Peugeot and other clients. Exhibitions of his artwork include "Arts and new technologies" in Quebec, at Arco in Madrid, at the National Centre for Arts and Technologies in France and recently at the Arts Museum in Toulon, at the Lanterna Magica in Switzerland and a solo exhibition I.LUMEN in Paris in October 2017.

Gauchet has received awards from the Shearwater Foundation (New York), the Anthony Foundation (Houston) and the Hologram Foundation. His artwork is in the collections of MIT Museum, French Photography Museum, ZKM | Center for Art and Media Karlsruhe and private collectors.

Pascal Gauchet's first artworks with light were black and white photographs. Through holography he first explored light with a process focused on physical colors and its iridescent hue. In these works the volumetric aspect of holography is often of secondary importance.

His recent construction of a system for synthesizing multiple photographic points of view into one single holographic image enables him to go back to photography. A succession of discrete windows is distributed in space giving a multitude of points of view. Combined they create a single window of extended geometrical perspectives.



Random Memories



Malbec



This is not a Napoleon III style clock

Random Memories – is a result of this process. Eight holograms are displayed on a vertical aluminum structure as though lightly suspended. The reconstructed space appears fragmented. Some of the images are essentially graphical while others act as real windows on hyper realistic scenes. Shapes and colors recombine and cross each other following the movements of the viewer.

'I manipulate photons with a particular interest in the creative possibilities of holography.'

***Random Memories*, 2016**

Sculpture with hologram panels, 70" tall and 8.25" wide

Edition of 2. Price \$14,750

***Malbec*, 2016**

Hologram synthesized from 60 photographs, 12" x 16", with support

Edition of 7 + 1 artist copy. Price \$6850

***Là-bas, Caillac*, 2017**

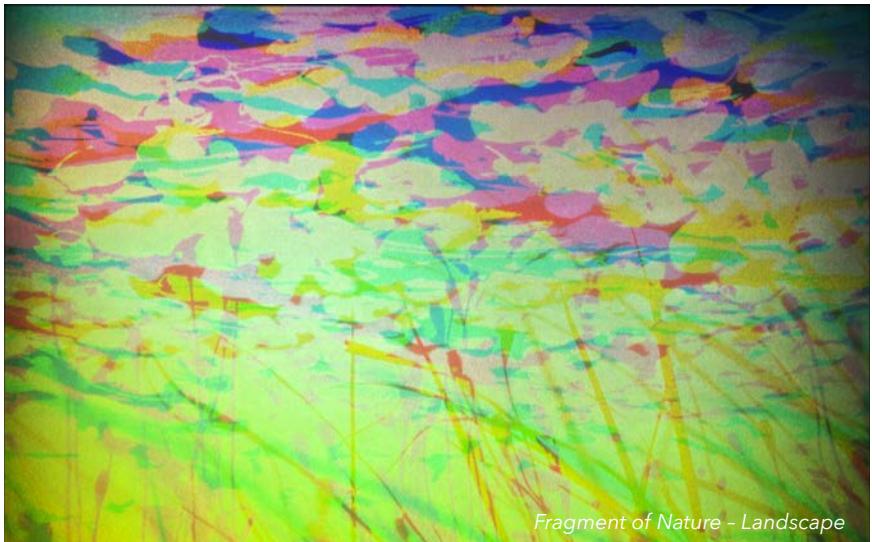
Hologram synthesized from 50 photographs, 12" x 16", with support

Edition of 7 + 1 artist copy. Price \$6850

***This is not a Napoleon III style clock*, 2015**

Montage of four holograms in aluminium structure

Edition of 3 + 1 artist copy. Price \$6850



Fragment of Nature - Landscape

SETSKUO ISHII JAPAN

Setsuko Ishii is a prolific holographic artist. Her works create a symbiosis of light, nature and perception. Holograms are Ishii's medium of choice for visual explorations of nature and natural phenomena. Sculptural elements are combined with holographic images in her numerous exhibitions and public installations. Built into installations her holograms charge architectural space with dynamic color and natural forms. Ishii's outdoor installations play on atmospheric conditions - viewing changing throughout the day and contingent on sunlight. The limitation, or control, of viewing is a property of the hologram Ishii utilizes to construct compositions from multiple recordings which can be seen from different positions. Viewing her work is a negotiation between physical and abstract space. A synergy erupts through the dynamics of intense color, entrancing the viewer into an environment of light.

Ishii studied Fine Arts at L'École National Supérieur Des Beaux-Arts and was a fellow of MIT Center for Advanced Visual Studies. Her exhibitions and public installations have received critical acclaim. They include solo exhibitions at Palazzo Fortuny, Venice, Italy; Tsuruoka Art Forum, Yamagata, Japan; California Institute of Art, Los Angeles, USA and Walker Hill Art Center, Seoul, Korea.

Significant installations include *Encounter II* (1979) at Henry Moore Grand Prize Exhibition at the Hakone Open Air Museum and *Murmur of Aqueous* (1995) Centennial Hall, Tokyo Institute of Technology.

'Spinning colors of light are threads that become a malleable form like clay.'

***Fragment of Nature - Landscape*, 2016**

Multiple channel silver-halide transmission hologram on mirror, 18" x 23"
Edition of 4. Price \$13,900

Layers of color and space create an atmospheric landscape inspired by water and grasses in this dynamic holographic image. As the viewer moves around the colors shift, and layers are revealed unifying a sense of being with the holographic scene.

***Fragment of Landscape - Grassland*, 1992/1998**

Installation of four 43" x 4" transmission holograms in acrylic panels. Each slender hologram is unique, with slight variations to create a natural aesthetic.
Price \$12,000

The hologram is considered as a window existing in the space. Through this window, we are able to see various holographic images.

'I am interested in compositions of nature and to bring these scenes indoors and into urban life. Through the slender holograms, we see a wider image, a glimpse of a vast grassland. The experience is reminiscent of when we open the window a little and can see the landscape outside through a narrow space. I would like the viewer to enjoy various different grassland scenes through the narrow opening of the holographic window.'



Fragment of Landscape - Grassland

The holographic recording was made in 1992. The hologram was then cut and rebuilt into an installation of narrow windows in 1998.

The first installation with eight slender holograms was created for an exhibition at Ueno Royal Museum, Tokyo in 1998. This installation of four holograms is part of them. These pieces were exhibited in 2005 at the Herman Miller Showroom & Gallery in Tokyo.

Produced at Holographics North, USA with Dr. John Perry.



FRED UNTERSEHER USA

Pioneer of holographic art Unterseher expertly engages viewers with his passion for visual perception, light, kinetics, consciousness and community.

Unterseher graduated with honors from San Francisco Art Institute. While in San Francisco he participated in collective artist projects including ANT FARM and the formation of Project Artaud. Unterseher was a pioneering member of the San Francisco School of Holography with Lloyd Cross and Gerry Pethick. Later they formed the Multiplex Company that produced stereographic holograms, including artworks for Salvador Dali. Unterseher has exhibited extensively in galleries, museums and educational institutions in Europe, Asia and throughout North and South America.

www.holocenter.org/fred-unterseher

KINETIC FIGURES is a series of four unique holograms. The composite images from pulse masters are further multiplied with illumination from two lights.

Inclined to Recline, 2017

Dichromate gelatin embedded in glass, 20.5" x 24.5" Price \$12,400

Roll with It, 2017

Dichromate gelatin embedded in glass, 21.5" x 24.5" Price \$12,400

Masters originally produced at the studio of the artist with Dr. John Webster from 1985 to 1989. Combined into the holograms and embedded in glass at the Light Foundry, USA with C Alex Clark and August Muth.



Roll with It (detail)

KINETIC FIGURES are the continued explorations involving kinetics (movements) of the human figure. The work combines holographic images to create artworks that enhance the perception of the figure in motion. The holograms pay tribute to the tradition of some of the first visual, both scientific/artistic, studies of humans in motion conducted by Etienne-Jules Marey and others throughout the late 1800s. Marey considered that the artist 'while taking Nature as a model, makes an independent choice' of the attitude of the body in motion. *Kinetic Figures* invites the viewer/participant to explore varied images that are distinctive to each individual by the choice of their movements during the act of experiencing the artworks.

Inclined to Recline and *Roll with It* portray a kaleidoscope of figures generated from the movements of a single female figure. The figure's movements can be viewed forwards, backwards or in any combination in and out of sequence. The contact with the work can be somewhat unparalleled for each viewer/participant since they experience intertwined, overlapping and mingled figures in space/time.

Technically the holograms are best described as triple slit rainbow holograms that allow for a mixed secondary order of colors that includes more 'pastel like hues'. The brain fuses the views from both eyes into a coherent image of blended colors. Together they contribute to an experience that is unique.

With the artwork, there is a continued reference to the key model of renowned physicist David Bohm and his concept holomovement. It brings together the principle of undivided wholeness or what he referred to as the universal flux and includes the idea that everything is becoming or in a course of action. His view was that wholeness is not a constant oneness but a vibrant wholeness in motion, in which everything moves together in an interconnected process of becoming.

Fred Unterseher

The Hologram Foundation was created by Hugues Souparis, CEO of Surys, with the objective of helping visual artists work with holography. A foundation by French law the Hologram Foundation's mission is to support artists in the creation of holograms that are designed for easy display anywhere and contribute to making holography one of the components of contemporary art.

Hugues Souparis is a leader in the field of high security holography. He received an award for creative audacity from the French President in 2012. His company Surys (formerly Hologram Industries), established in 1984, provides holograms on security documents and currency for more than 100 nations. Souparis wants to support and promote art, creativity and innovation:

'After 35 years in holography business, I want to help visual artists who choose holography as their primary medium. I believe that holography remains one of the most "magic" mediums. Every time the public is exposed to holograms they are fascinated. I want to help artists to bring this fascination to art appreciators.'

Hugues Souparis, founder of Hologram Foundation, Paris
www.hologramfoundation.org

The Center for the Holographic Arts (HoloCenter) is a New York based non-profit dedicated to the promotion and development of holographic art. The HoloCenter on Governors Island presents art holograms from around the world and installations by visiting and local artists. Through innovative exhibitions, workshops and programs the HoloCenter combines creativity and technology to inspire.

Creative Director Dr. Martina Mrongovius is an artist and researcher. Before directing the HoloCenter she worked in Australia, South Korea, Germany, Taiwan and the UK to build holography studios, create exhibitions and consult on holographic design.

'The Holographic Art Grant is a game changer for artists limited by the production costs of creating holograms. There is a growing interest in holographic art and I am thrilled to see what artists create next with this evolving medium.'

Dr. Martina Mrongovius, Creative Director, HoloCenter NYC
www.holocenter.org

The artworks created by six artists have been brought together for the exhibition IRIDESCENCE, shown in Paris and in New York during 2017. Some of the artworks created are for sale with proceeds going into The Holographic Art Grant funding pool.

The Holographic Art Grant is a competitive award that enables outstanding artists to work with holography. The selected projects are chosen for artistic merit and originality.

The hologram is a record of light. Laser light bounces from the subject and the ripples are etched into a microscopic physical structure. This structure captures the paths of light. A three dimensional image is recorded. Illuminated again the hologram reconstructs the recorded scene. Visual space is punctured by the hologram window.

Holography offers artists new dimensions of compositional space and presents to the viewer an artwork that can be explored. As we move around these choreographed visual spaces what emerges pulls and pushes on our sense of reality.

Holograms are paradoxical. They are both omnipresent in the imagination of our society and yet almost unknown. Holograms question our modernity, our identity and our relationship to the image. Yet holography seems deeply mysterious.

The exhibition IRIDESCENCE is the result of the selected artists creating at intersections of imagination and science. Inspirations of nature, dance and memory become pieces of art that charge the space around them.



IRIDESCENCE

www.iridescence-expo.org

MAY 27 - JUNE 18, 2017

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