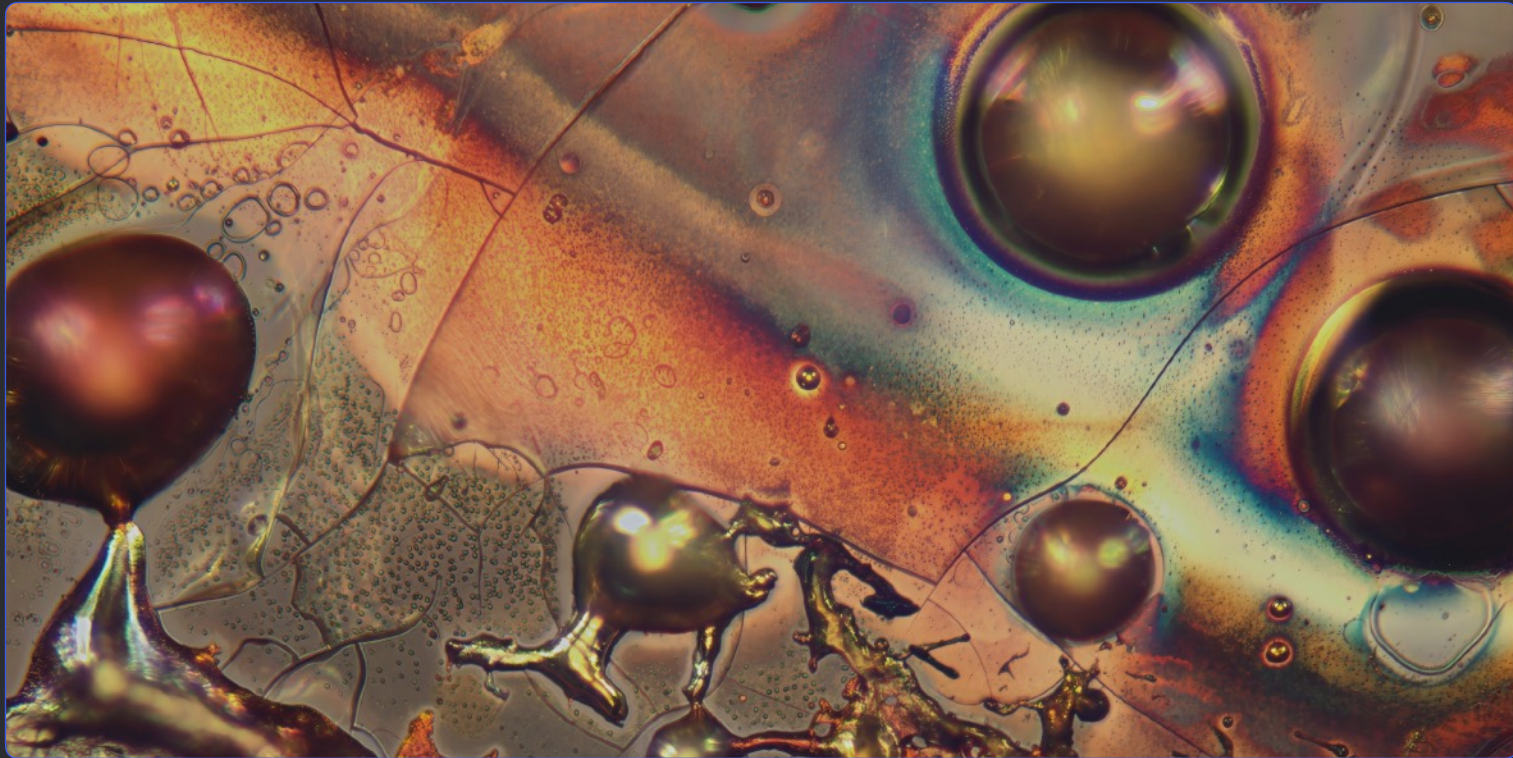


EVOLAS

LASER-Crafted Art

Where light ignites matter.
And matter becomes art.



Introducing a New Form of Art Creation

Creating visual art with laser technology, using both metal and glass as design media, is by no means an intuitive approach. EVOLAS emerged from curiosity, a few fortunate coincidences, and years of exploration and reasoning – driven by the conviction that this form of art can inspire and captivate.

EVOLAS completely redefines what art can be by opening up previously uncharted space where industrial high-tech becomes an instrument for creative expression. For the first time, high-performance lasers – typically used for precision manufacturing – are harnessed to create visual art, crafting unique microscopic metallic structures that form the heart of each artwork.

„I found I could say things with color and shapes that I couldn't say any other way — things I had no words for.”

*Georgia O'Keeffe, American
modernist Painter*



The Fascination of the Process

High-intensity laser pulses expel from metal a mixture of extremely hot vapor and liquid droplets, accelerated to speeds of several hundred kilometers per hour. When this material impacts the glass carrier, it interacts with both its surface and interior in complex ways: some particles remain on the glass, while others penetrate and fuse with it. The result is a wide variety of metallic formations, accompanied by optical effects such as subtle discolorations, fractures, and micro-cracks created within the glass itself. Together, these elements define the unique visual character of each work. The entire process is driven by physical forces whose dynamics

defy exact predictability — and it is precisely this inherent unpredictability that gives the medium its profound artistic potential.

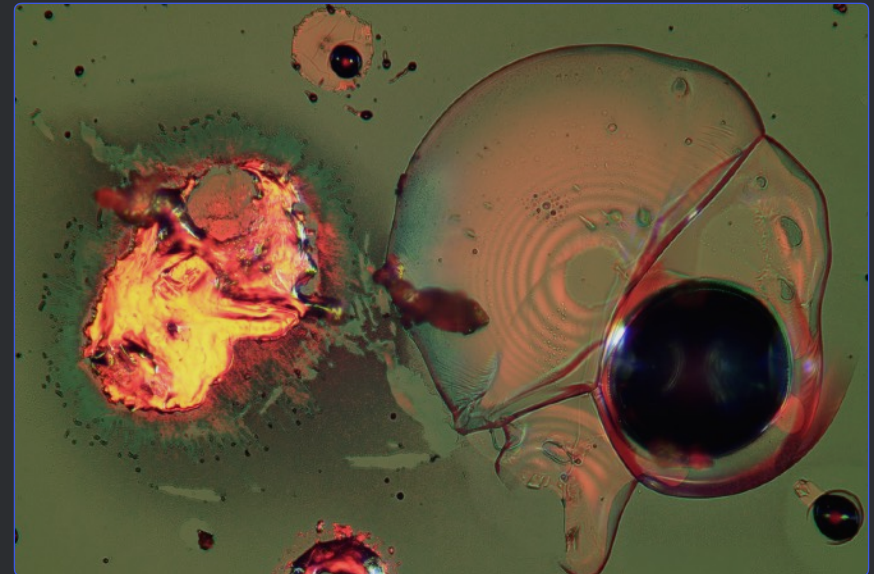
In an industrial context, every effort would be made to eliminate random influences to ensure precise, reproducible results. In the creation of art, however, these constraints are irrelevant. On the contrary: the very phenomena that industry seeks to prevent —

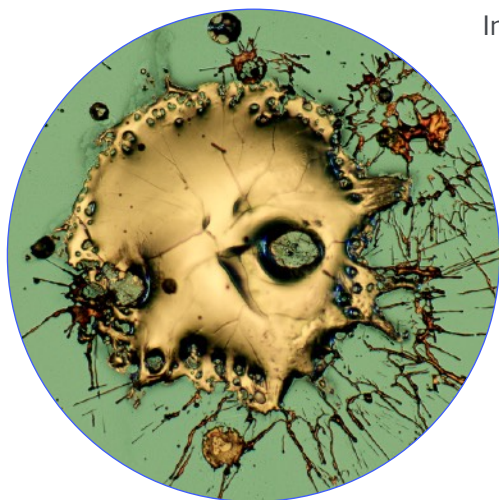
randomness, chaos, spontaneous thermal and mechanical effects — are here embraced as essential contributors to the aesthetic. The expressive nature of each EVOLAS motif ultimately emerges from the interaction of laser-induced thermal and kinetic energy with the inherent complexity of the process. Each formation is shaped by carefully selected laser parameters and specific combinations of metals and glass substrates, resulting in a unique, non-reproducible work. No two images are alike — a deliberate effect ensuring the individuality of every piece.

Using high-resolution microscopy, the artist then explores this microcosm to select a particularly captivating motif. Magnification, illumination, and color rendition are chosen with great care to bring out the aesthetic and structural potential of each formation. Light plays a decisive role — whether reflected from metallic surfaces or transmitted through translucent layers of metal and glass — revealing new dimensions of texture, color, and depth that define the emotional resonance of the artwork.

„Everything you can
imagine is real.“

Pablo Picasso





In the subsequent digital refinement, only what is physically present is highlighted and clarified: fine details, microscopic layers, light interactions, and characteristic structural features. Nothing is added and nothing is removed. At the same time, elements that would otherwise remain only faintly perceptible — or entirely unnoticed due to the natural limitations of microscopy — are brought into clear view.

Through this interplay of laser physics, microscopic observation, and artistic interpretation, the physical reality of the metallic structures on the glass carrier (GLOBE) transforms into visual art. Each motif becomes a singular artistic statement — authentic, irreproducible, and preserved both physically and digitally.

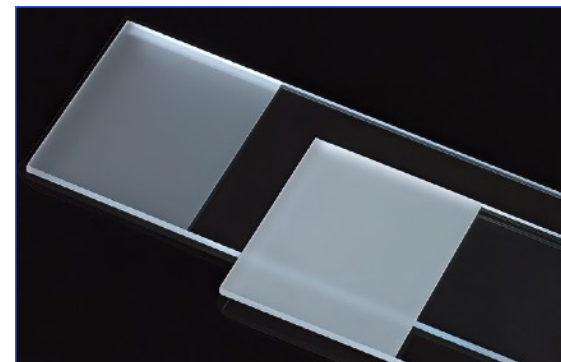
The Name EVOLAS

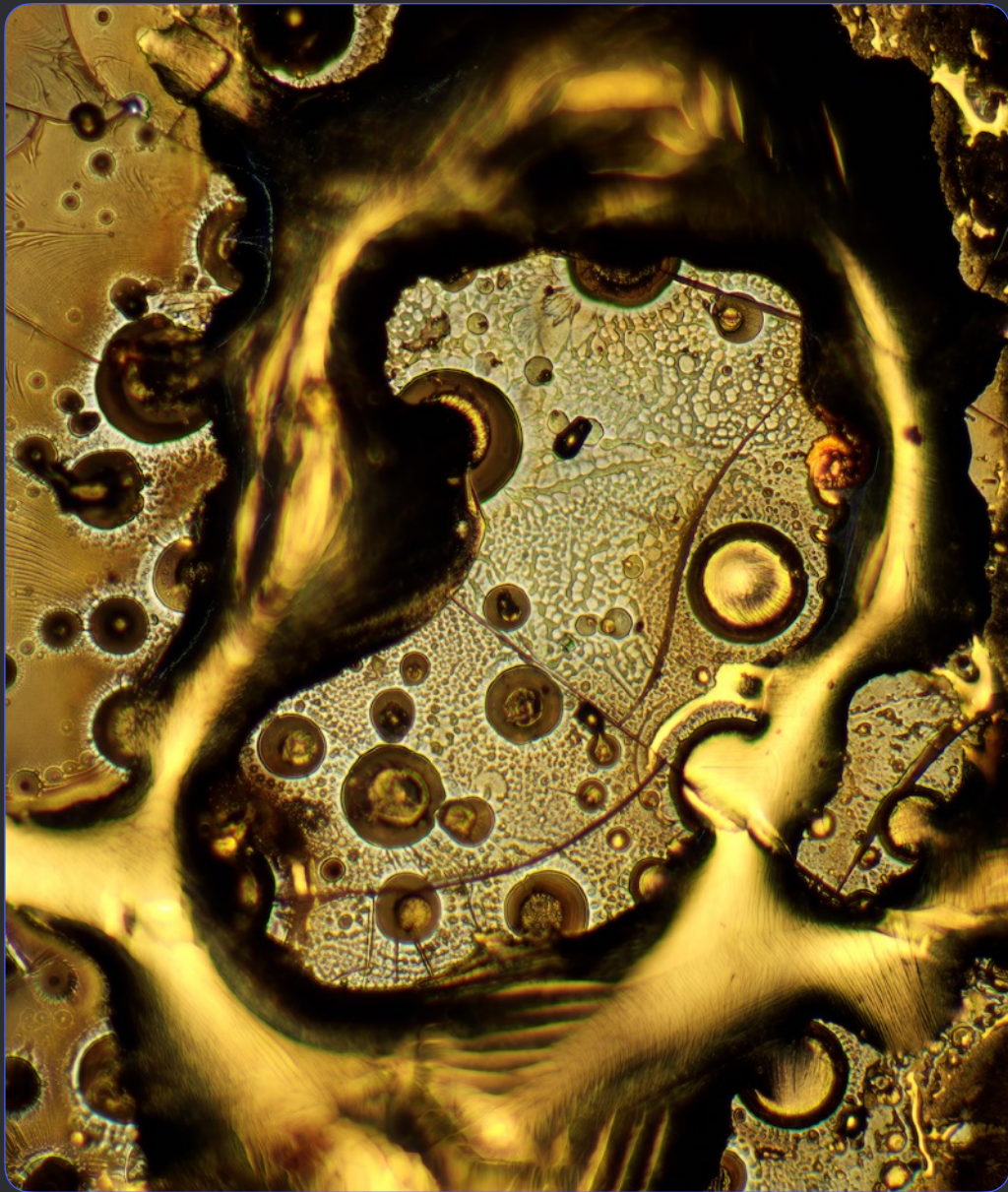
The name EVOLAS derives from two roots: the Latin verb evolare — meaning to fly away, to fly forth, to rush out, inspired by the hot metal being ejected — and the first letters of LASER, the technology enabling this artistic breakthrough. It symbolizes the spirit of venturing into new artistic territory and the innovative process that makes it possible.

The EVOLAS GLOBE - Your Basis into Your Personal Art Universe

‘GLOBE’ is an acronym for ‘GLass Ornament BasE’. The EVOLAS GLOBE is the central glass canvas of each artwork — it contains and preserves the metallic structures within and on the glass, making them visible as a physical manifestation. Metallic particles, created through defined laser–metal interactions, impact the GLOBE, partially fuse with the glass, and form intricate structures and patterns of impressive variety and depth.

From this universe of structures, the artist selects a particularly captivating motif, refines it digitally with the highest precision, and assigns it a unique title reflecting the artist’s personal interpretation. Each motif is offered as a one-of-a-kind piece or in a strictly limited series. Authentication via blockchain technology guarantees originality and indisputable ownership.





Alongside the main motif, additional appealing structures on the GLOBE are identified and curated into an extended digital gallery, delivered to the buyer in preview quality. These additional motifs remain untitled, inviting the collector to contribute their own imagination, interpretation, and naming, and so create a deeply personal connection with their artwork.

EVOLAS does not imitate artistic styles — yet many motifs resonate with established visual languages, as they reveal underlying structures that the human mind naturally interprets as form, symbol, or figure.

The collector holds the exclusive right to acquire any of these additional motifs. On request, they can be purchased later and

„The purpose of art is to
make the invisible visible.”

Paul Klee, German Painter

upgraded by EVOLAS into full high-resolution artworks. Each GLOBE thus becomes an evolving, highly personal art universe, ready to be further explored by its owner.

Each GLOBE is held in trust by EVOLAS, ensuring collectors can expand their personal universe and acquire additional motifs at any time with the support of the artist, guaranteeing flexibility, continuity, and enduring value.



From Light to Lasting Value

The interaction of high-intensity laser pulses and metal generates a spectrum of fascinating color combinations and visual motifs – from radially symmetrical patterns to abstract forms evoking landscapes, animals, or everyday objects, each interpreted individually by the viewer. Equally defining is the encounter of hot metal with glass, producing additional, unpredictable effects. The resulting metallic formations are physically fixed both in and on the glass of the GLOBE and are captured in high-resolution digital images that convey their unique character.



„It’s not what you look at that matters, it’s what you see.”

Henry David Thoreau -
American Naturalist, Poet, and
Philosopher

Each digital artwork is authenticated via blockchain technology to secure originality and ownership and is made available on NFT platforms such as OpenSea. Yet our art does not exist solely in digital form: buyers also acquire the GLOBE itself – the central glass carrier that physically contains the metallic motifs. Collectors may also choose to present their artwork as an impressive large-scale display in their homes, offices, or reception areas. EVOLAS provides high-resolution formats and specifications for this purpose, ensuring a seamless collaboration with the collector’s selected specialists – such as printers or interior designers – to achieve an exceptional outcome.

Upon request, EVOLAS also offers a personalized preview within the collector’s own space. Based on a provided photograph, selected works can be visualized in their intended environment, enabling a well-informed and confident acquisition decision.

An Investment in Uniqueness and Enduring Distinctiveness

EVOLAS artworks are more than visually stunning creations – they represent a pioneering fusion of science, technology, and artistry. Each acquisition is an investment in distinction and the assurance of owning something truly unique, rooted in the physical reality of the GLOBE and secured on the blockchain.

Discover EVOLAS artworks on OpenSea

Explore more at evolas.art

Contact us: info@evolas.art

About EVOLAS

EVOLAS was invented by a German Engineer with a profound scientific background in laser technology and production management, paired with a passion for artistic expression.

This dual foundation harmoniously blends scientific discovery and intuitive aesthetic vision to transform the interplay of light and matter into striking visual works of art.

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