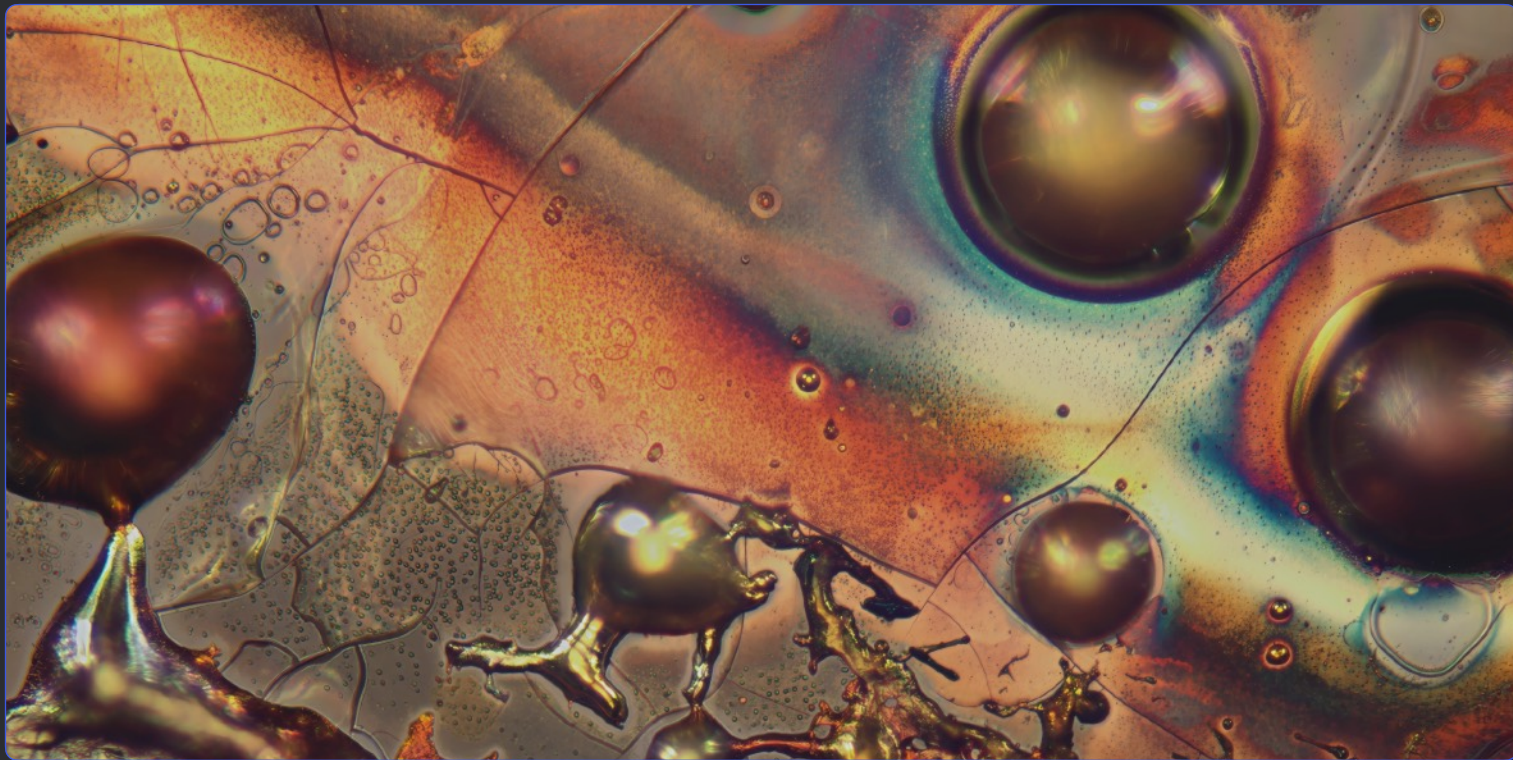


EVOLAS

LASER-Crafted Art

Where light ignites matter.
And matter becomes art.



Introducing a New Form of Art Creation

Creating visual art using industrial high-performance lasers as an artistic medium is by no means an intuitive approach. EVOLAS emerged from curiosity, unexpected discoveries, and years of experimentation and reflection — driven by the conviction that this entirely new artistic approach possesses exceptional creative potential.

EVOLAS redefines how visual art can be created by transforming industrial high-performance lasers — traditionally used in scientific and industrial environments — into instruments of artistic expression. Through a uniquely developed process based on high-energy interactions between light, metal, and glass, complex physical formations and material structures emerge on and within glass carriers.

„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*

These formations are not directly designed or fully controllable. Instead, they arise through dynamic and partially unpredictable physical processes whose visual characteristics can later be explored, recognized, interpreted, and artistically articulated.



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

„Everything you can
imagine is real.”

Pablo Picasso

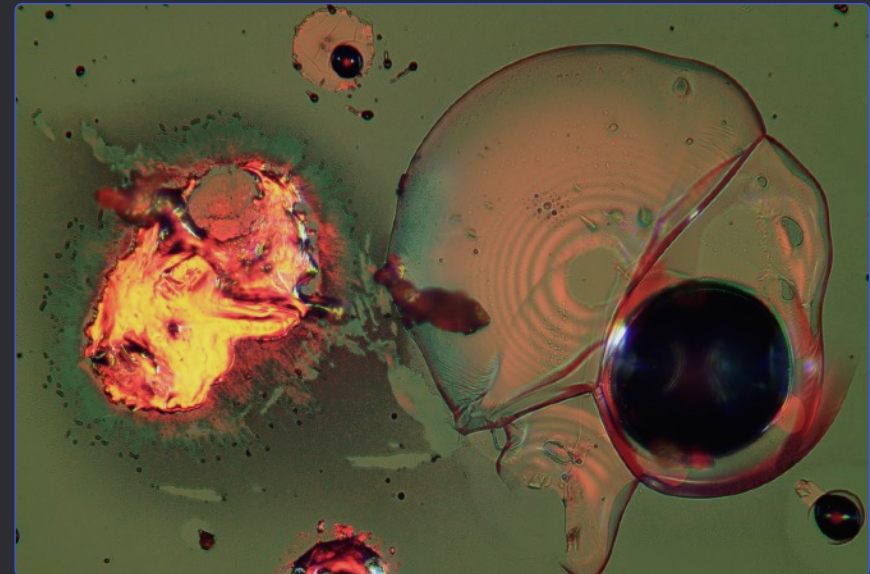
work. The formation of these structures is governed by physical forces whose dynamics defy exact predictability — and it is precisely this inherent unpredictability that gives the medium its profound artistic potential.

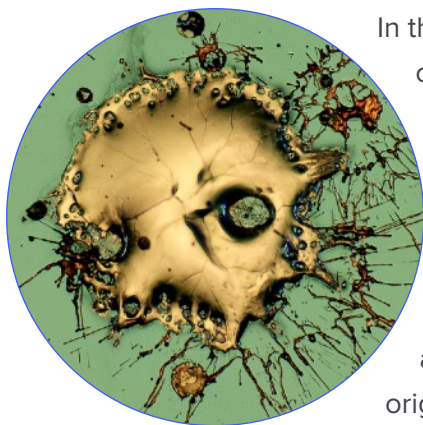
In an industrial context, every effort would be made to eliminate random influences to

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 high-energy interactions between light, metal, and glass combined with the inherent complexity of the process. Each formation arises under carefully selected laser parameters and specific combinations of metals and glass substrates, resulting in a unique, non-reproducible work. No two motifs are alike — a deliberate consequence of the process ensuring the individuality of every artwork.

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.



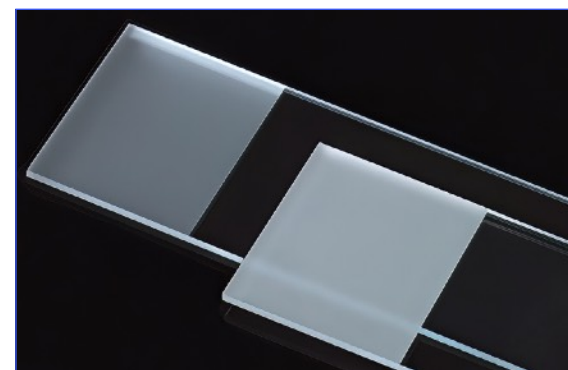


In the subsequent digital refinement and artistic articulation, only what is physically present is highlighted and clarified: fine details, microscopic layers, light interactions, and characteristic structural features. Nothing is added and nothing is removed. At the same time, elements that would otherwise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

Through the interplay of carefully defined process conditions, high-energy interactions between light, metal, and glass, microscopic observation, illumination, and artistic interpretation, the physical reality of the formations preserved on the glass carrier (GLOBE) becomes visually accessible as art. Each Motif represents a unique artistic interpretation of real physical structures — irreproducible in origin, physically preserved within the GLOBE, and documented through digital and blockchain-based provenance mechanisms.

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.

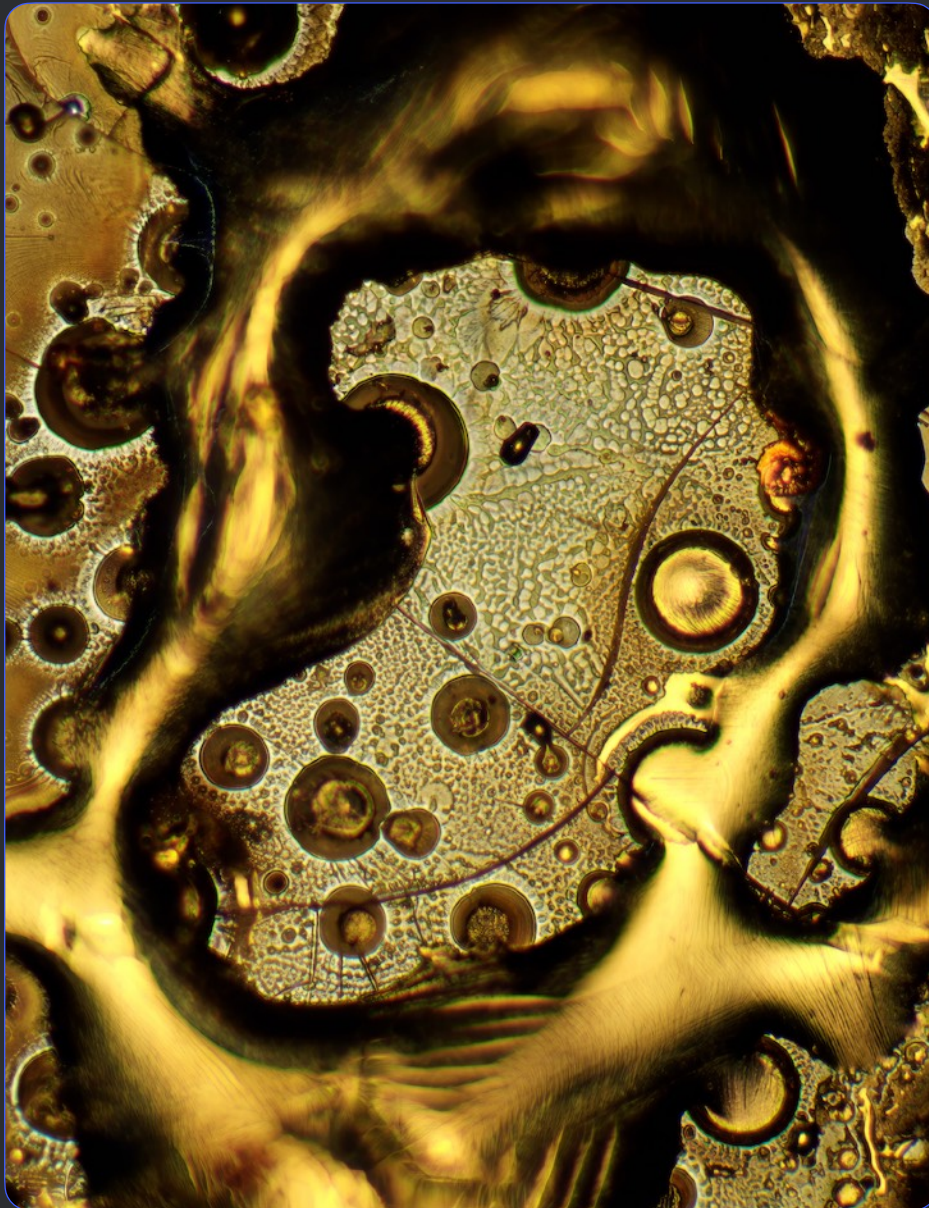


The EVOLAS GLOBE - Your Basis into Your Personal Art Universe

'GLOBE' is an acronym for 'GLass Ornament BasE' and refers to the physical glass carrier that preserves the material formations from which EVOLAS Motifs are derived. These formations originate from intense physical processes involving concentrated light, metal, and glass, resulting in complex material landscapes consisting of metallic particles and reaction residues preserved on and within the glass carrier.

From this universe of formations, the artist selects and interprets particularly compelling Motifs through microscopic exploration, illumination, and visual articulation. Each Motif is carefully articulated and assigned a unique title reflecting the artist's individual interpretation. Motifs may be offered either as Unique Motifs or as Limited Editions. Each Motif instance is associated with a uniquely identifiable blockchain-based NFT serving as the primary provenance and ownership mechanism for the artwork.





Alongside the Primary motif, additional compelling formations on the GLOBE are identified and curated into an extended Preview Gallery provided to the collector for exploration and interpretation. These additional motifs remain untitled, inviting the collector to contribute their own imagination, interpretation, and naming, and so create a

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

Paul Klee, German Painter

deeply personal connection with their artwork.

EVOLAS does not intentionally imitate established artistic styles. Yet many formations resonate with familiar visual languages,

as the human mind naturally interprets underlying structures as form, symbol, or figure.

The collector holds exclusive acquisition rights relating to these Additional Motifs. Any of them may later be exclusively acquired and professionally prepared by EVOLAS as a complete artwork package equivalent to the Primary Motif, including native and enhanced high-resolution image files as well as an individual Artwork Statement reflecting the collector’s own interpretation and naming. Each GLOBE thus becomes an evolving and deeply personal art universe, open to continued exploration by its collector.

Each GLOBE remains in the custody of EVOLAS, allowing collectors to expand their personal art universe over time and acquire Additional Motifs with the continued support of the artist.



From Light to Lasting Value

EVOLAS artworks reveal a striking spectrum of visual formations, textures, and spatial depth emerging from a physically irreversible process. Some Motifs evoke abstract landscapes, organic structures, symbols, or figurative associations — each interpreted individually by the viewer.

Equally defining is the encounter of hot metal with glass, producing additional unpredictable effects. The resulting formations remain permanently preserved on and within the GLOBE and are revealed through high-resolution microscopic imagery that makes their otherwise inaccessible visual qualities perceptible.

Each artwork is accompanied by blockchain-based provenance and ownership documentation through an associated NFT recorded on the Ethereum blockchain. While accessible through platforms such as OpenSea, EVOLAS artworks remain fundamentally rooted in the physical reality of the GLOBE — the glass carrier preserving the material formations from which each Motif is derived.

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

Henry David Thoreau -
American Naturalist, Poet, and
Philosopher



Collectors may also choose to present their artworks as large-scale physical displays within private, architectural, or professional environments. EVOLAS provides high-resolution artwork files and technical guidance to support professional production in collaboration with the collector’s selected specialists, such as fine art printers or interior designers.

Upon request, EVOLAS also offers personalized spatial visualizations within the collector’s own environment. Based on a provided photograph, selected works can be visualized in their intended setting, supporting a more informed perception of scale, atmosphere, and spatial presence.



Collecting Physical Uniqueness

EVOLAS artworks are more than visually striking creations — they represent a pioneering fusion of science, technology, material transformation, and artistic interpretation. Each acquisition preserves a unique physical reality originating from irreversible formations within the GLOBE and documented through blockchain-based provenance.

Discover EVOLAS

Explore selected works, editions, and collector information at evolas.art
Selected artworks are available through OpenSea and direct collector contact.

Contact: info@evolas.art

About EVOLAS

EVOLAS was created by a German engineer and artist whose background in laser technology and material interaction became the foundation for a new artistic practice.

Combining scientific understanding with microscopic exploration and artistic interpretation, EVOLAS transforms physical formations preserved in glass into visually articulated works of art.

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