

# Aw! Lab

Programme line Aw! Lab is an immersive audiovisual environment for presenting experimental projects and art of the digital age. Space, time, sound, and light are the foundational pillars that define the exhibition. Within the Aw! Lab programme, Kunsthalle Praha aims to periodically present a variety of fields within digital image and sound production and to host artistic interventions exploring interdisciplinary perspectives on technology in the context of current affairs.

# INVISIBLE FORCES

13 10 2022-21 11 2022

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Exhibition organised by Kunsthalle Praha in cooperation with Signal Festival.  
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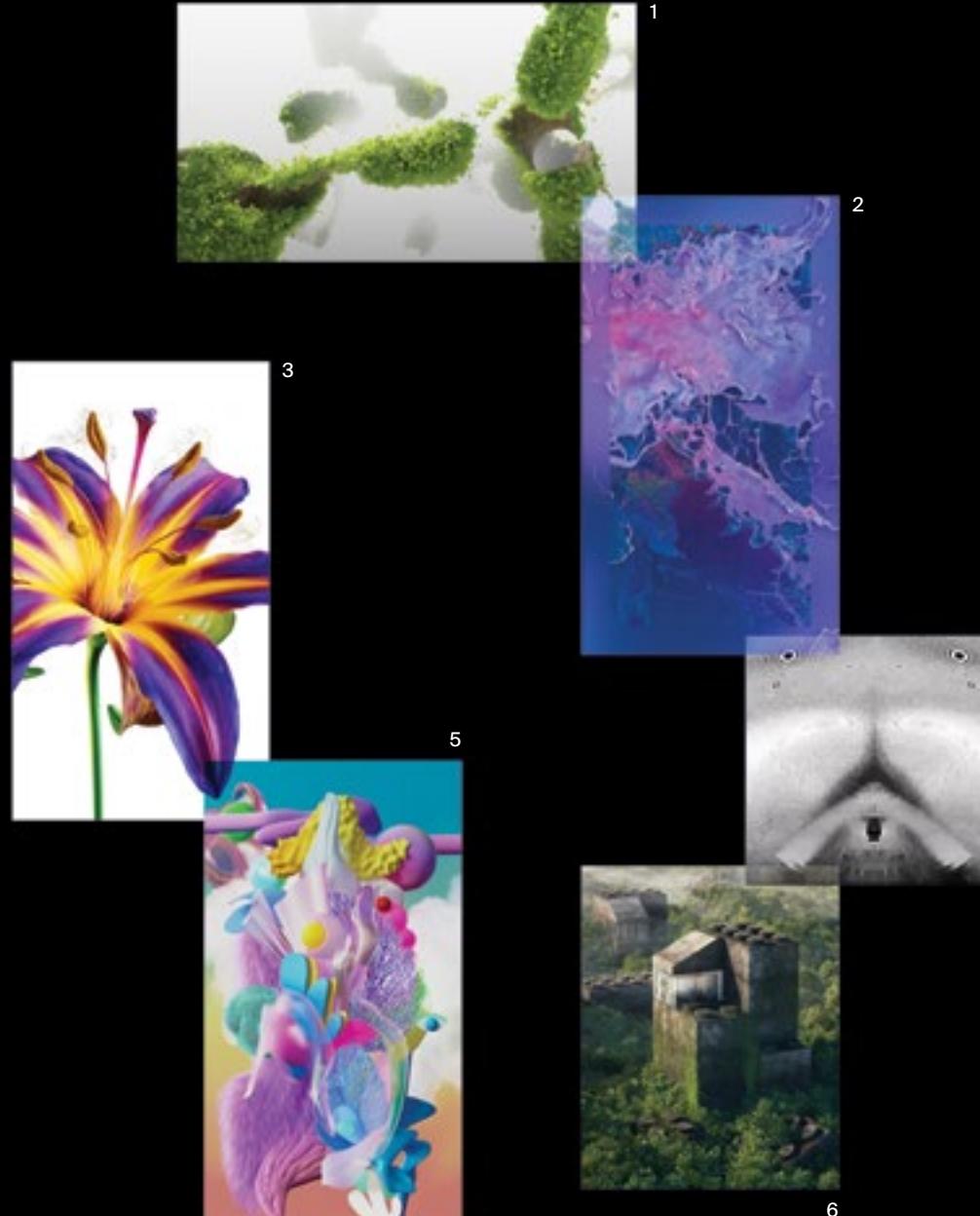
Exhibiting artists: Filip Hodas, Martin Hora, Johana Kroft, Jana Stýblová, Jakub Špaček, Ondřej Zunka & Zünc Studio

Nature and the world around us form the environment we encounter on a daily basis. We are part of it, and with it we create a system of interconnected proximities which we gradually perceive and integrate into our consciousness. Despite being able to look into its most minute details, we are not able to conceive of life on Earth on a holistic scale, and we can capture individual experiences only in a fragmentary manner. Established boundaries are overstepped, and we find ourselves transported out of the known and imaginable into as yet entirely uncharted territory. In the process, we also discover analogous approaches in new forms and in differently configured relationships.

The accelerating degradation of the environment brings with it a new intellectual, ethical, and regulatory pressure, one that calls on us to recognise nature's fragility and to take on the responsibility of preserving it for future generations. Imitating the fascinating processes we observe in the living world and making use of them, i.e. approaching the world through biology (bio-design), can show us what kind of interdisciplinary consilience might bring us closer to finding new solutions to pressing issues. Ultimately, observing the functional principles of nature helps us better understand our role within our ecosystem and conceive of our identity as humans.

The *Invisible Forces* exhibition presents works by young Czech digital artists who explore various aspects of coexistence between organic life forms. The digital environment is a medium that enables the creation of complex illusions and simulations capable of transposing us into different environments, bodies, and times.

The selected artists share a fascination with natural and physical processes, phenomena, and structures. Here, they offer us their individual perspectives on the diversity of life on the planet, albeit in formats that are not necessarily subject to the aesthetic or functional laws of our world.



1: Ondřej Zunka & Zünc Studio,  
*PHOTOSYSTEM II*, 2022  
3: Jakub Špaček,  
*Purpura*, 2021, from the serie *Bloom*  
5: Johana Kroft,  
*Underwater Orchestra*, 2022

2: Martin Hora,  
*Irregular Condition #119*, 2022  
4: Jana Stýblová,  
*Resonant Frequency*, 2021  
6: Filip Hodas,  
*Childhood Memories*, 2016/2022

# PHOTOSYSTEM II

Ondřej Zunka & Zünc Studio

Light is the essence of life. Sunlight provides plants with the energy they need to transform carbon dioxide and water into oxygen. Photosynthesis (from the Greek φῶς – 'light' and σύνθεσις – 'putting together') is the fundamental process through which Earth developed into the biologically diverse, oxygen-rich, green planet we know today. Observing organisms – plants – as fascinating, elaborate systems can help us understand how to adapt and live with others in harmonious symbiosis.

*PHOTOSYSTEM II*, an installation inspired by bio-design, consists of a series of large format projections depicting one of the two complexes of the primary (light-dependent) phase of the process of photosynthesis. By immersing ourselves in the micro- and macrocosms of perfect systems like photosynthesis, we can better understand what it is we are a part of and realise how inseparably we are bound to the Earth. From this perspective, we can then see the world as a network of countless relationships that need not necessarily be limited to the human species; other living organisms are also active participants. Thanks to them, and the inspiration we find in them, we can rediscover untrodden pathways in design, architecture, and modern technology, as well as fresh approaches to solving the pressing problems of our times.

Ondřej Zunka lives and works in London. He studied systems engineering and later began experimenting with 3D software and digital art. He primarily creates photo-realistic worlds and speculative reality, which provide him with a virtually unlimited space for self-realisation; he is also the creative director of Zünc Studio. Although his works are exclusively digital, we can often find references within them to the realities of the natural world.

Iva Polanecká, curator