



SCHAUFLER LAB@SCHAUWERK

Art meets science

22 September 2024 – 27 April 2025

SCHAUWERK Sindelfingen
Eschenbrünnlestraße 15
71065 Sindelfingen | Germany
Tel +49 7031 932-49 00
contact@schauwerk-sindelfingen.de
www.schauwerk-sindelfingen.de

Abs. | Sender
Abt. | Dept.
Tel. Dw. | Ext.
Mobil
E-Mail

Sarah Wegenast
Presse und Kommunikation
+49 7031 932-49 11
+49 151 580 585 19
sarah.wegenast@
schauwerk-sindelfingen.de

18.09.2024

SCHAUWERK Sindelfingen is showing works by four artists whose work is characterised by its proximity to scientific themes and methods. As part of a six-month scholarship at the Schaufler Lab@TU Dresden, they researched current technologies and their impact on society together with scientists. Esmeralda Conde Ruiz, originally from Spain, who has worked with prominent artists such as Yoko Ono, Olafur Eliasson and Nick Cave, and Rosa Barba, whose works have already been exhibited at MOMA and the Centre Pompidou, are two renowned contemporary artists represented in the exhibition.

Science – research – art. These are THE SCHAUFLER FOUNDATION's main focus areas. Peter Schaufler established the Foundation in 2005. It provides for the museum SCHAUWERK Sindelfingen and is actively engaged in the university and social field. At the Technical University of Dresden, the Foundation supports the Schaufler Lab@TU Dresden. It is a forum for a forward-looking dialogue between science, art and society intertwining technical and artistic subjects and placing them in a university context.

In the lab, young scientists and artists research together on current technologies and their origins and effects on the modern living environment. The exhibition at SCHAUWERK features works by Christian Kosmas Mayer, Anton Ginzburg, Esmeralda Conde Ruiz and Rosa Barba, who had been artists in residence between 2020 and 2024. Some of the works on display were created during the time in Dresden in cooperation with the collections of the Technical University as well as with scientific institutes or university institutions.

Esmeralda Conde Ruiz is an award-winning interdisciplinary composer and audiovisual artist. Recurring themes in her work are language, the individual and the collective as well as the role and effect of technology on our changing society. She predominantly uses the voice as material, specialising in large-scale choirs and pairing singers with field recordings of unacknowledged, man-made noises in our everyday environments. During Conde Ruiz's residency at the Schaufler Lab, dealing with Artificial Intelligence and sound led her to explore server farms which contain the sonic traces of our digital footprints.

Rosa Barba's interest focuses on the relationship between film, space and the viewer. Her films move between experimental documentation and fictional narrative. In 2023, the artist explored the concept of the archive and the possibilities of AI in the lab. Another project is still being implemented. SCHAUWERK presents her video work *Inside the Outset: Evoking a Space of Passage* (2021), which was created in Cyprus. Barba investigates states of limits in landscape photographs that manifest themselves in embattled spaces.

The New York-based artist **Anton Ginzburg** works with film, sculpture, painting and graphic art. In 2021, he created a series of algorithm-based colour studies in Dresden. For SCHAUWERK, Ginzburg further developed these studies and realised them as large-format murals. Additionally, he applied a combination of sentiment analysis and mathematical algorithms to create 3D sculptural forms inspired by the film scripts of "American Psycho" and "Trainspotting." These sculptures were then produced using large-scale 3D printing technology, continuing the tradition of modernist formal experimentation rooted in technology and concrete data.

Christian Kosmas Mayer creates installations and crossmedia works in the tension-filled field of nature, culture and science. In 2020, as the first artist in residence, he explored ideas of immortality. Here, the focus of his research was on the voice and its meaning in concepts of the afterlife – from ancient Egypt to the present day. For his multi-channel sound installation *Maa Kheru*, Mayer used acoustic speech synthesis to create sounds that date back to the 2000-year-old vocal organ of an Egyptian mummy. Thus, he also refers to the voices of the deceased, which can be revived today via the use of AI in digital form.

THE SCHAUFLEF FOUNDATION

Science, research and art are the main focus of THE SCHAUFLEF FOUNDATION, which Peter Schaufler established in 2005. The combination of the different spheres - technology, art and entrepreneurship - that Peter Schaufler (1940-2015) united in his person as Managing Director of BITZER and a passionate collector of contemporary art, is continued today by his foundation. It holds 49% of the company shares and uses them to finance a wide range of projects: The foundation supports the SCHAUWERK Sindelfingen museum, sponsors endowed professorships at universities and is involved in social projects.

Thank you for your interest. Please do not hesitate to contact us if you have any questions.

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