

May 01, 2021– April 03, 2022, ZKM Atrium 1+2, 2nd floor

**Exhibition *BarabásiLab: Hidden Patterns*
*Network Thinking***

Virtual Press Conference on 29.4.21, 10 am CEST

Virtual Opening of the Exhibition on 30.4.21, at 6 pm CEST

An exhibition curated by ZKM | Center for Art and Media Karlsruhe (Peter Weibel and Clara Runge) in collaboration with the Ludwig Museum in Budapest

More data are produced now every day than before in an entire decade. To cope with this volume of data a new science is needed: the visualization of identifying nodes and networks, of parameters and patterns. The exhibition *BarabásiLab: Hidden Patterns. Network Thinking* invites visitors to discover the invisible data structures that have now been visualized by the physicist and network scientist Albert-László Barabási and his research laboratory.

With the exhibition *BarabásiLab: Hidden Patterns. Network Thinking* the ZKM | Karlsruhe presents the work of Hungarian physicist and network scientist Albert-László Barabási (*1967, Câța, Romania) and his research laboratory at Northeastern University in Boston, USA. Over the past 25 years BarabásiLab has developed a vocabulary for complexity based largely on forms of expression taken from art.

The innovative and interdisciplinary field of network research enables various cultural and social phenomena to be analyzed by visualizing invisible, concealed, connections and repeating patterns in nature, society, and culture. Network science is used, for example, in medicine, pharmacy, and physics as well as to research infrastructures, social systems, and development processes.

Organized together with the Ludwig Museum in Budapest, Hungary, the exhibition is the first opportunity to get an overview of BarabásiLab's work in Germany and the forms of visualization they have developed; the product of a collaborative endeavor involving scientists, artists, and designers. Far from imposing a reductionist framework on our complex world, the works produced by BarabásiLab reveal the hidden patterns in complex systems that determine our biological and social existence.

“Until now, humans have constructed correlations between words and entities (living beings, objects, etc.) and between words and other words. In a world that has become more complex, in which data about the world operate on entities, words, images, and sounds, new models of correlations are needed: networks. Verbal and visual thinking is followed by the age of network thinking, which helps us to discover

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Press Contact

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Cooperation partner

**LUDWIG
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Karlsruhe



Baden-Württemberg

MINISTERIUM FÜR WISSENSCHAFT, FORSCHUNG UND KUNST

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patterns in the world and our behavior that have remained hidden until now.” (Peter Weibel)

Press Conference

With the remote participation of Albert-László Barabási and Peter Weibel

Thursday, April 29, 2021, 10 am CEST, online via Zoom meeting. The Zoom link will be sent to you after registering at presse@zkm.de.

Opening day

Friday, April 30, 2021

6 pm CEST | digital tour with Albert-László Barabási through the physical exhibition in English on zkm.de/en/livestream

7 pm CEST | online talk with Albert-László Barabási, [Alice Grishchenko](#), [Isabel Meirelles](#), and Peter Weibel in English.

Current members of BarabásiLab

Albert-László Barabási, Sara Benedetti, Csaba Both, Ayan Chatterjee, Szu Yu Chen, Amar Dhand, Xiao Gan, Alexander Gates, Alice Grishchenko, Deisy Gysi, Rachael Leary, Charles Levine, Yanchen Liu, Yang-Yu Liu, Enrico Maiorino, Giulia Menichetti, Shany Ofaim, Ben Piazza, Babak Ravandi, Peter Ruppert, Hiroki Sayama, Michael Sebek, Louis Shekhtman, James Stanfill, Kishore Vasani, Xindi Wang, Ursula Widocki

Curated by Peter Weibel with Clara Runge
Project management: Teresa Retzer, Clara Runge
Technical project management: Anne Däuper
Graphic design: Sascha Fronczek

Website of the exhibition

zkm.de/en/barabasilab

Website of BarabásiLab

barabasilab.com

The exhibition at the Ludwig Museum Budapest

(October 10, 2020–June 20, 2021)

ludwigmuseum.hu/en/exhibition/barabasilab-hidden-patterns-language-network-thinking

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