

Press contact:

Vanessa Marquardt
T +49 (0) 711 16 22 13 - 16
vanessa.marquardt@
carl-zeiss-stiftung.de

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How to play, learn and think like an AI Come and find out with a digital exhibition on artificial intelligence launching on June 10 at www.i-am.ai

Stuttgart/Berlin, June 6, 2020. On June 10 the interactive exhibition “I AM A.I. – explaining artificial intelligence” will be launched in a new digital format. Different “trails” introduce the visitor to core questions around artificial intelligence through means of images, videos, and experiments. The exhibits are targeted at everyone from the age of 12. From 2021 onwards, I AM A.I. will travel to several German cities as a physical exhibition. IMAGINARY conceptualized and developed I AM A.I. together with international partners. The Carl Zeiss Foundation generously supports both the physical and digital exhibition.

How does a neural network learn? Why is a computer able to recognize the words I speak? Can artificial intelligence be wrong sometimes? What are training data sets? Is it possible to do something without understanding it? These and other questions will be examined by the digital exhibition through several thematic “trails”. The trails include interactive software programs, images, videos, do-it-yourself experiments, and explanatory texts. The exhibition content is complemented by interactive video tutorials presented by an exhibition guide. You will be able to interact with neural networks, train an AI to recognize your handwriting, read an AI comic, and play games with an AI. You will be introduced to and intuitively guided through the gradient descent algorithm, which is one of the most important methods in AI. Virtual tours for schools will also be available free of charge.

“It is incredibly exciting to see - and to even influence - how numbers flow through a neural network and eventually something unexpected is learnt through mathematics. And, none of it involves magic!”, says Andreas Daniel Matt, IMAGINARY’s CEO, who obtained his doctoral degree in the field of machine learning.

“AI is a key technology that will have a major impact on our future. Society is actively shaping this impact. This is why it is important to convey the methods used for this technology intelligibly and to discuss them openly.” says minister Theresia Bauer, head of the foundation administration of the Carl Zeiss Foundation, to explain the motivation behind supporting this exhibition concept.

Originally, a travelling exhibition was planned to visit Heidelberg, Jena, and Kaiserslautern from April 2020 onwards. The new format of a digital science exhibition was conceived because the tour had to be postponed to 2021, due to the Covid-19 pandemic. The exhibition will launch on

June 10, 2020, on www.i-am.ai, in English and German (more translations are planned) to accommodate an international audience. All content is available under open licenses and free to download.

About IMAGINARY

IMAGINARY is a non-profit organization for interactive and open, artistic and collaborative communication of modern mathematics to the general public. IMAGINARY was initiated in 2007 at the Mathematisches Forschungsinstitut Oberwolfach, an institute of the Leibniz Association, and received several awards for its contributions to science communication. Since 2008, more than 350 exhibition projects have been conducted in more than 60 countries and in 30 languages. More information here: <https://about.imaginary.org>.

About the Carl Zeiss Foundation

The Carl Zeiss Foundation committed itself to create an open environment for scientific breakthroughs. As a partner of excellent science, it equally supports basic research and application-orientated research and teaching in the STEM fields (Science, Technology, Engineering and Mathematics). Founded in 1889 by the physicist and mathematician Ernst Abbe, the Carl Zeiss Foundation is the oldest private science funding institution in Germany. It is the sole owner of Carl Zeiss AG and SCHOTT AG and finances its funding activities through dividends paid by these two foundation companies.

Contact for content-related questions of the exhibition:

IMAGINARY

Dr. Andreas Matt

T +49 (0) 151 51836352

andreas.matt@imaginary.org

For a preview of the digital exhibition for media partners, please contact us.