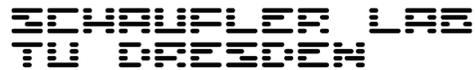


## Acknowledgement

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AIX is a Multiplier Event of STEAM INC.



AIX is part of the network



## Organizers

**Prof. Dr.-Ing. Daniel Lordick**  
**Henriette Greulich, head of ZILL**  
**Robert Fischer, Dr. des., M. A.**  
**Lisa Nickolaus**

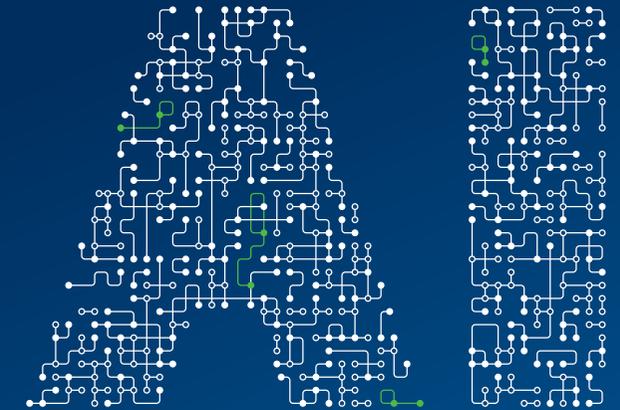


Geometric Modeling and Visualization

## Contact

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# Invitation to **Artificial Intelligence Exchange (AIX)**

Interdisciplinary  
online workshop  
hosted at the TU Dresden  
May 27<sup>th</sup> and 28<sup>th</sup>, 2021



## Artificial intelligence

In the public perception, a lot of mystery has been created around artificial intelligence (AI) ever since scientists like Stephen Hawking and Stuart Russel have stated that AI may someday lead to human extinction. To reflect the current possibilities, researchers often avoid the term AI, preferring instead to talk about certain aspects like machine learning.

Nevertheless, AI approaches like neural networks, fuzzy systems, evolutionary algorithms, probabilistic methods, and chaos theory already perpetuate all kinds of technology. The power of intelligent word recognition, image processing, data mining, semantic translation, deep learning, pattern recognition, and evolutionary robotics to gain information and to optimize performance is evident.

## Interdisciplinary exchange

To open the black box of AI we will create a playful environment within a two-day online workshop: Artificial Intelligence Exchange (AIX). The goal is to explore the state of the art of machine learning and its future implications, such as the impact on problem solving, business concepts, creativity, memory, and individuality.

Computer scientists, artists, technicians, journalists, designers, curators, start-ups, and humanities scholars will collaborate to transfer AI knowledge to a wider audience. We are committed to creating public engagement in an area that affects us all, but is still poorly understood in its operation and effect.

## What can you get from AIX 2021?

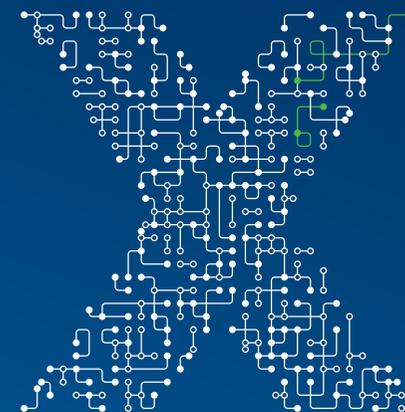
- Introduction to machine learning by experts from the TU Dresden: get in touch with Simon Meier-Vieracker and Karsten Wendt
- Dialogue with international artists working on AI: get to know recent works by Christian Kosmas Mayer and Anton Ginzburg
- Trial accounts for GPT-3 for every participant with up to 300 K tokens each
- Playful and collaborative research on AI
- Experience methods of collaboration from an international community

## Who can attend the AIX workshop?

It is widely recognized that AI has the potential to affect almost all aspects of human life. For this reason, we want to form interdisciplinary working groups during the AIX workshop. Basically, anyone interested in AI is welcome.

- **Do you want to gain insight into how professionals work with machine learning?**
- **Are you interested in artistic perspectives on AI?**
- **Are you a student, junior researcher, artist, PhD student, young professional, startup developer or postdoc from any discipline?**
- **Do you appreciate working across disciplines and conducting research in small groups?**
- **Do you want to develop a small project from the conceptual phase to the first prototypes while being advised by experts?**
- **Do you want to learn design thinking methods from an international community?**

Perfect. We would like to welcome you to AIX 2021!



## How to apply?

The workshop AIX is open for a maximum of 20 regular participants.

For applying to the AIX 2021 workshop and for additional information please visit the website:

<https://tud.link/jd0a>

Deadline for applications is Friday, 14<sup>th</sup> of May, 2021  
Acceptance emails will be sent until 17<sup>th</sup> of May, 2021.



[https://tu-dresden.de/mn/math/geometrie/lordick/schnittstelle/veranstaltungen/workshops/artificial-intelligence-exchange-2021/index?set\\_language=en](https://tu-dresden.de/mn/math/geometrie/lordick/schnittstelle/veranstaltungen/workshops/artificial-intelligence-exchange-2021/index?set_language=en)