Artificial intelligence is hard to define. AI is mainstream, AI is glorified. AI holds many promises but also a lot of fuzzy talk and apocalyptic dystopian scenarios. And strangely glowing blue android illustrations if you do an image search.

AI has a longer history than one would conclude from all the news headlines. It's a node in the network of sciences. It's connecting the dots.

We don't want to mystify AI, we want to open it up, offer new insights and experiences for visitors of all ages.

At the same time, we want to ask

How do you see your future with

artificial intelligence?

CONNECTING THE DOTS

A science and art exhibition about AI
Dipoli, Espoo, 27.11.2019-15.01.2020

AI methods offer researchers, designers and artists alike a wide spectrum of tools. These tools also help make better business decisions.

How are they used and explored in research and arts?

This exhibition celebrates diversity. It has been a university-wide effort, with exhibits ranging from future makers to cutting-edge research programs, all presented in an accessible manner.

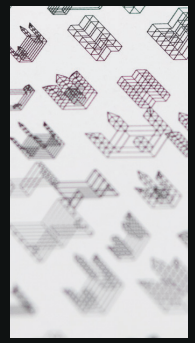
The exhibition is diviced into three themes. Dive in!

AI AND CREATIVITY

What if you could have a personal, artificially intelligent creative assistant? We present AI-aided explorations in architecture and design among other displays.

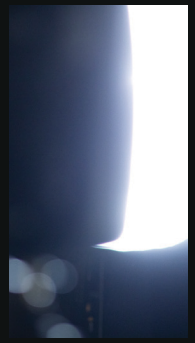
Computational Ornaments

Sami Markkula & Robin Godwyll



Generative Structural Typologies

Luka Piškorec & Toni Kotnik et al.

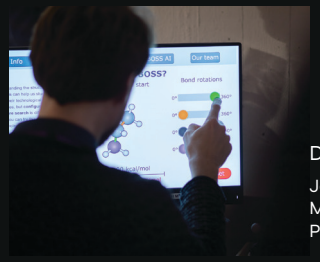


InSpace with the Otherness

Koray Tahiroğlu & Miranda Kastemaa

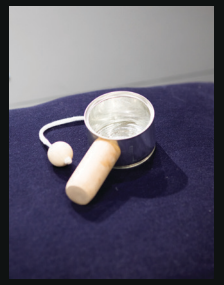
MACHINE LEARNING AND ROBOTICS

Machine learning and robotics are fields where the current state-of-the-art in AI lies. Learn what neural networks do and how robots learn with exhibits using computer vision, speech recognition and bio-inspired robotics.



Do it like the BOSS!

Jari Järvi, Milica Todorović & Patrick Rinke

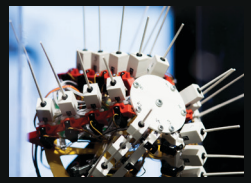


Robot Playschool

Murtaza Hazara & Sushant Passi

ViTabot: a visuo-tactile robotic rat

Niko Karhula, Oliver Struckmeier & Kshitij Tiwari



Strange Mirror

Andrzej Pisarek, Jaakko Lehtinen & M Wingren

Metal Master

Terho Loikkanen, Patrick Rinke & Sushant Passi

Conversation Assistant
Anja Virkkunen & Mikko Kurimo et al.

Exhibition team
Saara Halmetoja: creative lead, texts & visuals
Sushant Passi: videos, carpentry & space design
M Wingren: GANBREEDER, visuals, codesign & sounds
Photos by Matti Ahlgren

Aalto University
Digi Platform

FCAI

AI FUTURES

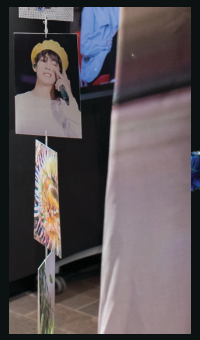
Is artificial intelligence sustainable? What kind of technological development can we expect from artificial intelligence in the near future – or are we likely to face yet another AI winter?

PANIC
BREEDER

Samir Bhowmik &
Jukka Hautamäki

Machina Baltica
(the beautiful mind of)

Samir Bhowmik

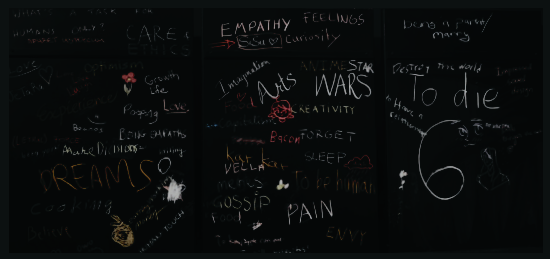


Zero Waste Zero Effort?

Sirja Passoja

The Future of AI: A Discussion

Janin Koch, Natalia Särmäkari &
Henni Tenhunen with Aalto Studios



Our audience's take on human-only tasks.

STYLE

We've drawn on modern "artificial intelligence" when designing this exhibition.

GANBREEDER, our titling font, is based on MNIST, a dataset often used for evaluating how well a machine learning model recognizes handwriting.

The exhibition title, Connecting the Dots, originates from a machine query. We simply asked an AI-powered text generator how we should name our exhibition.

The blobs surrounding our posters and this booklet are machine-generated, although human-curated.

GANBREEDER
Syne Mono
Syne Regular

The rest – like much of AI still anyway – is fully human labor! You can learn more about the history and central AI concepts with our set of illustrated posters.