

Where does this all come from?

NEW NAVY DEVICE LEARNS BY DOING

of Computer Designed to Read and Grow Wiser

WASHINGTON, July 7 (UPI)
—The Navy revealed the embryo of an electronic computer
today that it expects will be
able to walk, talk, see, write,
reproduce itself and be conscious of its existence.

The embryo—the Weather Bureau's \$2,000,000 "704" computer—learned to differentiate between right and left after fifty attempts in the Navy's demonstration for newsmen.

The service said it would use this principle to build the first of its Perceptron thinking machines that will be able to read and write. It is expected to be finished in about a year at a cost of \$100,000.

Dr. Frank Rosenblatt, designer of the Perceptron, conducted the demonstration. He said the machine would be the first device to think as the human brain. As do human be-

ings, Perceptron will make mistakes at first, but will grow wiser as it gains experience, he said.

Dr. Rosenblatt, a research psychologist at the Cornell Aeronautical Laboratory, Buffalo, said Perceptrons might be fired to the planets as mechanical space explorers.

Without Human Controls

The Navy said the perceptron would be the first non-living mechanism "capable of receiving, recognizing and identifying its surroundings without any human training or control."

The "brain" is designed to remember images and information it has perceived itself. Ordinary computers remember only what is fed into them on punch cards or magnetic tape.

Later Perceptrons will be able to recognize people and call out their names and instantly translate speech in one language to speech or writing in another language, it was predicted.

Mr. Rosenblatt said in principle it would be possible to build brains that could reproduce themselves on an assembly line and which would be conscious of their existence.

In today's demonstration, the "704" was fed two cards, one with squares marked on the left side and the other with squares on the right side.

Learns by Doing

In the first fifty trials, the machine made no distinction between them. It then started registering a "Q" for the left squares and "O" for the right squares.

Dr. Rosenblatt said he could explain why the machine learned only in highly technical terms. But he said the computer had undergone a "self-induced change in the wiring diagram."

The first Perceptron will have about 1,000 electronic "association cells" receiving electrical impulses from an eyelike scanning device with 400 photo-cells. The human brain has 10,000,000,000 responsive cells, including 100,000,000 connections with the eyes.



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July 7,1958 New York

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Summer of 1956 – the term "Artificial Intelligence" is born



IN THIS BUILDING DURING THE SUMMER OF 1956

JOHN McCARTHY (DARTMOUTH COLLEGE), MARVIN L. MINSKY (MIT)
NATHANIEL ROCHESTER (IBM), AND CLAUDE SHANNON (BELL LABORATORIES)
CONDUCTED

THE DARTMOUTH SUMMER RESEARCH PROJECT ON ARTIFICIAL INTELLIGENCE

FIRST USE OF THE TERM "ARTIFICIAL INTELLIGENCE"

FOUNDING OF ARTIFICIAL INTELLIGENCE AS A RESEARCH DISCIPLINE

"To proceed on the basis of the conjecture that every aspect of learning or any other feature of intelligence can in principle be so precisely described that a machine can be made to simulate it."

IN COMMEMORATION OF THE PROJECT'S 50th ANNIVERSARY JULY 13, 2006



Summer of 1956 – the term "Artificial Intelligence" is born

Claude Shannon

Article Talk

From Wikipedia, the free encyclopedia

Claude Elwood Shannon (April 30, 1916 – February 24, 2001) was an American mathematician, electrical engineer, computer scientist, cryptographer and inventor known as the "father of information theory" and as the "father of the Information Age".[1] Shannon was the first to describe the Boolean gates (electronic circuits) that are essential to all digital electronic circuits, and was one of the founding fathers of artificial intelligence. [2][3][4][1] Shannon is credited with laying the foundations of the Information Age. [5][6][7]



1937: A founder of modern computers

Electronic circuits can be used to implement Boolean Algebra

1939-45: A founder of modern cryptography

"A Mathematical Theory of Cryptography"

1948:

A founder of information theory"A Mathematical Theory of Communication"

1956: A founder of artificial intelligence

Theseus was the first electrical device to learn by trial and error, being one of the first examples of artificial intelligence



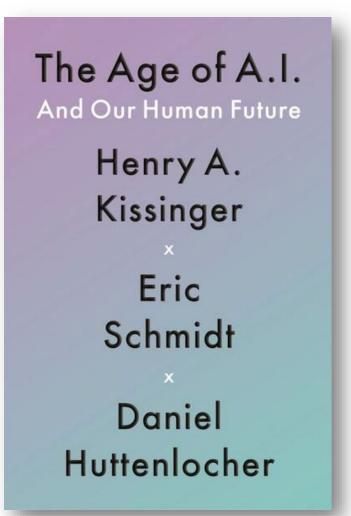
Age of Al

We are entering the Age of Al

- Comparable in its effects only to the introduction of
 - Fire
 - Agriculture
 - Electricity

Decisions, Decisions, Decisions ...

- In the age of AI, computers make decisions for and about us every day
 - Work: HR Analytics
 - Love: Tinder
 - Entertainment: YouTube Video
 - Finances: Credit Card Approval
 - And many more ...





Data

 Data is fundamental to AI, but what kind of data is there and where does it come from?





- IT systems
 - Books
 - Wikipedia
 - The Internet
 - Medical records
 - Credit cards
 - Access cards
 - Browser history ...

- Dedicated sensors
 - Cameras
 - Microphones
 - Pressure sensors
 - IMU
 - LIDAR
 - RADAR
 - And many more ...

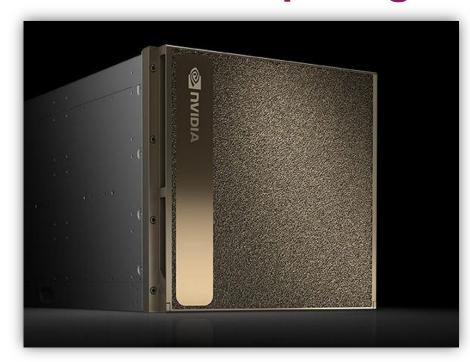


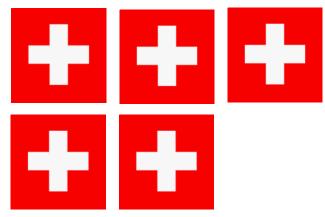






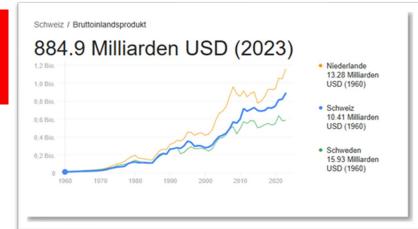
Data & Computing

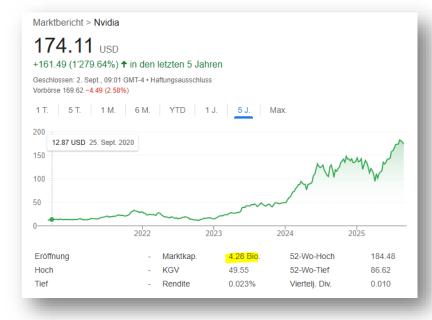






- DGX-2 Deep Learning Supercomputer
 - 2 Petaflops (2e15) per second
 - Earth: 8e9 people
 - 2e15/8e9=1/4e6= <u>250'000 flops/person per second</u>







Data & Computing

- Moore's Law was formulated in 1965 by Gordon Moore, one of the founders of Intel
- His original observation was that the number of transistors on a microchip roughly doubles every two years
- Recently, a doubling happens approximately ever 1.5 years

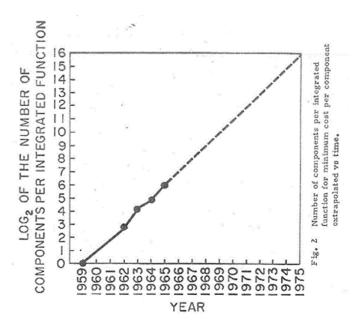




2021: **4**

2022.5: 8

2024: 16



G. E. Moore: «Cramming more components onto integrated circuits», In: Electronics, vol. 38, number 8, 19. April 1965



Data & <u>US Cloud</u> Computing?

TM Swiss IT Magazine

Unter Eid: Microsoft kann Schutz vor Cloud Act nicht garantieren

Microsoft schafft laut eigener Aussage eine souveräne Cloud für Europa, um die Datenschutzbedenken auf dem alten Kontinent zu adressieren. Ein...

vor 1 Monat



Warum Ihre Daten besser in der Schweiz bleiben sollten

Die Wahl des richtigen Hosting-Standorts für Software-as-a-Service-Lösungen gewinnt angesichts der steigenden Anfor.

19.05.2025



Microsoft und Co.: Die Schweiz ist von den USA abhängig

In den vergangenen zehn Jahren haben Bund und Kantone mehr als 1.1 Milliarden Franken allein an Microsoft bezahlt.

07.03.2025

SwissCybersecurity.net

Third Country Intercept Risk in der Cloud

Daten in der Cloud sind oft nicht so sicher, wie viele denken. Die Gesetzeslage in den USA ermöglicht weitreichende Überwachungsmassnahmen.

04.04.2025

20 Minuten

Bund setzt auf Microsoft 365: Sorgen um Schweizer Staatsgeheimnisse wachsen

Bundesangestellte nutzen Microsoft 365, während Experten vor möglichen Sicherheitsrisiken durch den Cloud Act warnen.

vor 2 Wochen











Der CLOUD Act (Clarifying Lawful Overseas Use of Data Act^[1]) ist ein seit 2018 bestehendes US-amerikanisches Gesetz zum Zugriff der US-Behörden auf gespeicherte Daten im Internet. Er ergänzt Titel 18 United States Code, Chapter 121 (Stored Communications Act) um 18 US Code § 2713.^[2]

Inhalt [Bearbeiten | Quelltext bearbeiten]

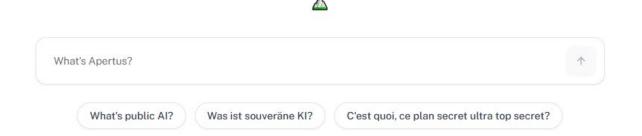
Das Gesetz verpflichtet amerikanische Internet-Firmen und IT-Dienstleister, US-Behörden auch dann Zugriff auf gespeicherte Daten zu gewährleisten, wenn die Speicherung nicht in den USA erfolgt.



Data & Swiss Cloud Computing

Try Apertus

Public Al Inference Utility



With love, from Switzerland Imanol's team just launched Apertus, the most powerful open-source language model ever released by a public institution.

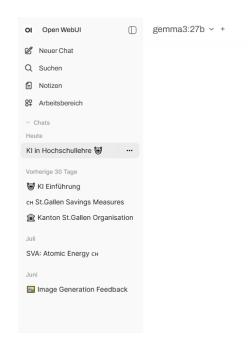




Read more

Data & Local Computing!





Wie kann man KI gut in den Unterricht einer Hochschule integrieren?

qemma3:27b

Die Integration von KI in den Hochschulunterricht bietet enormes Potenzial, erfordert aber auch sorgfältige Planung und Überlegung. Hier sind einige Ideen, wie man KI gut integrieren kann, gegliedert nach Aspekten und mit Beispielen:

I. Pädagogische Überlegungen & Rahmenbedingungen:

- Klare Zielsetzung: Was soll mit KI im Unterricht erreicht werden? (Effizienzsteigerung, neue Lernformen, Förderung kritischen Denkens, Vorbereitung auf den Arbeitsmarkt?)
- Transparenz: Studierende müssen verstehen, wie und warum KI eingesetzt wird. Die Grenzen der KI müssen klar benannt werden
- Kritisches Denken f\u00f6rdern: KI darf nicht als "Black Box" behandelt werden. Studierende sollen verstehen, wie KI-Modelle funktionieren, welche Daten sie verwenden und welche potenziellen Bias existieren.
- Ethische Aspekte: Diskussionen über die ethischen Implikationen von KI (z.B. Datenschutz, Fairness, Verantwortlichkeit) sind unerlässlich.
- Datenschutz beachten: Der Einsatz von KI-Tools muss im Einklang mit den Datenschutzbestimmungen erfolgen.
- Fortbildung der Lehrenden: Lehrende benötigen Schulungen, um KI-Tools effektiv zu nutzen und didaktisch sinnvoll in den Unterricht zu integrieren.
- Hybride Ansätze: KI sollte ergänzend zum traditionellen Unterricht eingesetzt werden, nicht als Ersatz. Der menschliche Aspekt der Lehre (Diskussion, Feedback, individuelle Betreuung) bleibt wichtig.

- DGX H200 ~340kCHF
 - You can host your own LLMs locally, for example "Deepseek v3"

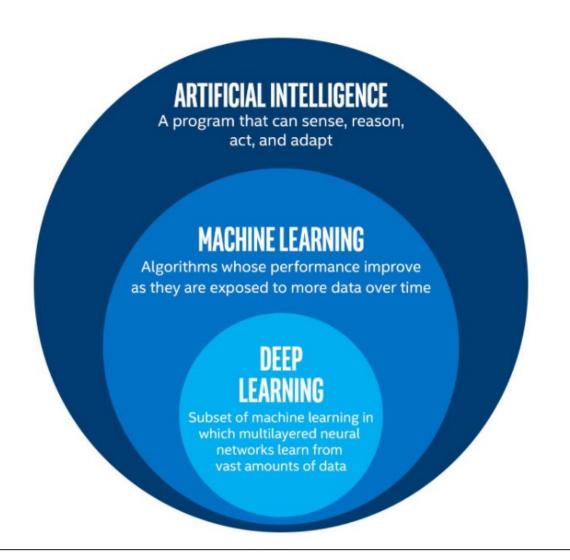
Open WebUI

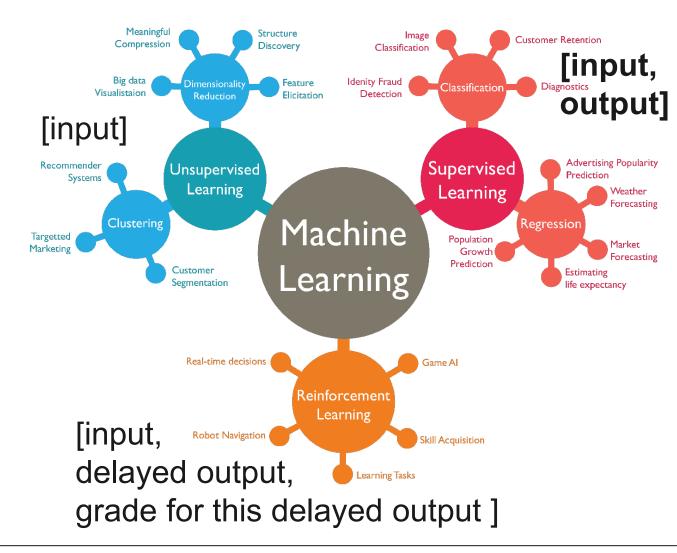
Guaranteed no data privacy problems!



Data & Computing & Algorithms

[What kind of data?]

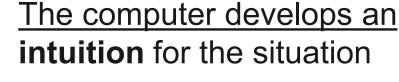






- In AI, there is a recurring theme:
 - Examples (training data) are used to teach a computer a pattern between input data and output data
 - The computer then generalizes this pattern to make reasonable decisions (similar to the examples) in new situations (test data)

This is supervised machine learning and the most successful application of Al



This is similar to a human, but humans need fewer examples



 The output of an AI system is usually not a simple decision in terms of YES or NO

 Al estimates probabilities from example data, which decision to make, a <u>human</u> must influence the final decision by setting the <u>cost of those decisions</u>

For a measured temperature, is this person



Temperature → AI → P(healthy|temperature)

healthy or sick?



A simple example

Based on the temperature, the AI estimates the probability whether a person is healthy or sick
 P(healthy|temperature)



For this crucial estimation, <u>data from the past</u>
 (examples, also called training data)
 are used, where <u>doctors have made this decision</u>



Training data:

Person #	Temperature [C]	Doctor decision [healthy] [sick]
1	37.25	healthy
2	36.75	healthy
3	39.50	sick
4	40.25	sick
5	38.25	healthy
6	36.75	healthy
100'000	41.25	sick



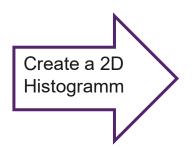
• **Measurement**: Temperature T in Celsius

Decision: healthy or sick



Training data (examples):

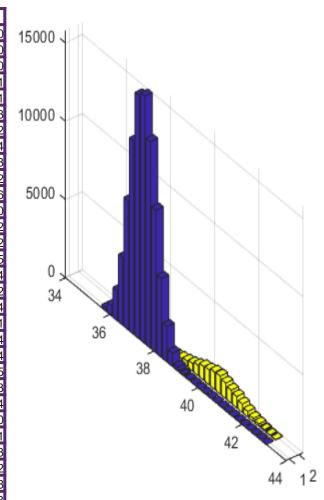
Person#	Temperature [C]	Decision [healthy] [sick]
1	37.25	healthy
2	36.75	healthy
3	39.50	sick
4	40.25	sick
5	38.25	healthy
6	36.75	healthy
100'000	41.25	sick



 Training data (examples) where doctors made the decisions (healthy or sick)



Temperature	#healthy	#sick
35.75	229	(
36.00	676	(
36.25	1910	(
36.50	4314	1
36.75	8253	1
37.00	12356	3
37.25	15542	2
37.50	15812	
37.75	13209	13
38.00	9119	32
38.25	5044	76
38.50	2261	120
38.75	850	232
39.00	271	352
39.25	65	485
39.50	9	664
39.75	1	882
40.00	0	964
40.25	0	1111
40.50	0	1154
40.75	0	1004
41.00	0	845
41.25	0	733
41.50	0	544
41.75	0	360
42.00	0	211
42.25	0	153
42.50	0	82
42.75	0	28
43.00	0	23





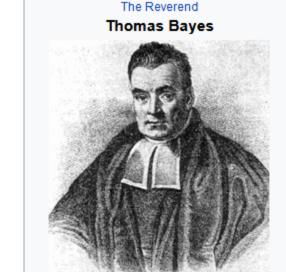
Optimal decisions making

- A reasonable goal is to make as few mistakes as possible
 - For a measured temperature, estimate (based on the training data)
 the probabilities that the person is **healthy** or **sick**

P(**healthy**|temperature)

Decide **healthy**, if P(**healthy**|temperature) > P(**sick**|temperature

→On average, this is how the fewest mistakes are made



Portrait purportedly of Bayes used in a 1936 book,^[1] but it is doubtful whether the portrait is actually of him.^[2] No earlier portrait or claimed

portrait survives.

Born c. 1701

London, England

Died 7 April 1761 (aged 59)

Tunbridge Wells, Kent, Great

Britain

Alma mater University of Edinburgh

Known for Bayes' theorem

Scientific career

Fields Probability

Signature

J. Bayes.



- Where each row in the histogram table corresponds to a given temperature
 - Thus, P(healthy|temperature) can be calculated per temperature (row)

Key question:

How is P(healthy|temperature) estimated from the training data?

Training data

Temperature	#healthy	#sick	P(healthy temperature)= #healthy/(#healthy+#sick)
35.75	229	0	1.00
36.00	676	0	1.00
36.25	1910	0	1.00
36.50	4314	1	1.00
36.75	8253	1	1.00
37.00	12356	3	1.00
37.25	15542	2	1.00
37.50	15812	4	1.00
37.75	13209	13	1.00
38.00	9119	32	1.00
38.25	5044	76	0.99
38.50	2261	120	0.95
38.75	850	232	850/(850+232)=0.79
39.00	271	352	0.43
39.25	65	485	0.12
39.50	9	664	0.01
39.75	1	882	0.00
40.00	0	964	0.00
40.25	0	1111	0.00
40.50	0	1154	0.00
40.75	0	1004	0.00
41.00	0	845	0.00
41.25	0	733	0.00
41.50	0	544	0.00
41.75	0	360	0.00
42.00	0	211	0.00
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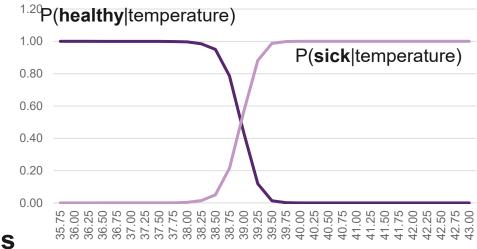


- Optimal decision
- After measuring the temperature, find P(healthy|temperature) in the table (temperature indicates the row) and decide healthy if P(healthy|temperature) > ½
 - → Take the option with the greatest probability

Makes on average the fewest mistakes

Decision is purely data driven!

If the data changes, the decision changes



Temperature	#healthy	#sick	P(healthy temperature)= #healthy/(#healthy+#sick)
35.75	229	0	1.00
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41.50	0	544	0.00
41.75	0	360	0.00
42.00	0	211	0.00
42.25	0	153	0.00
42.50	0	82	0.00
42.75	0	28	0.00
43.00	0	23	0.00



Predictive Maintenance for Ball Bearings

Application Number: 43769.1 IP-ENG

Application Title: Industrializing the machine learning based telemonitoring solution for bearing data of CTI project 26177.1 PFIW-IW and adapting it to gearbox data



Main partners and project manager

Project manager

Main research partner

Main implementation partner

Dr Rudolf Tanner

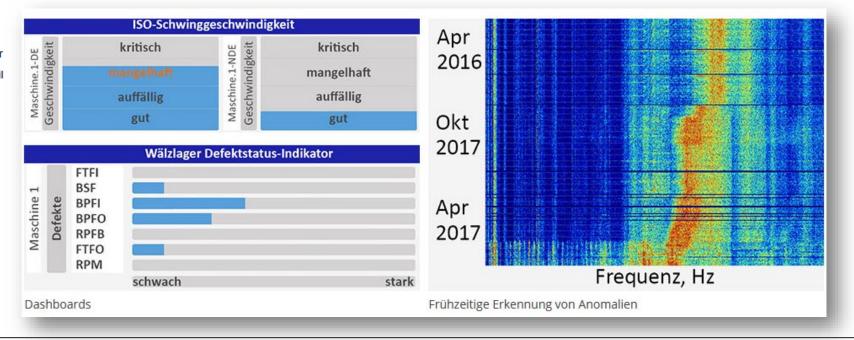
Mechmine LLC (GmbH)

Professor Dr Guido Schuster

HSR Hochschule Rapperswil

Dr Rudolf Tanner

Mechmine LLC (GmbH)





Deep Learning for ECG Analysis

Application Number: 36433.1 IP-LS

Application Title: Data-driven Electrocardiogram Interpretation



Main partners and project manager

Project manager Ramun Schmid

SCHILLER AG

Main research partner Professor Dr Guido Schuster

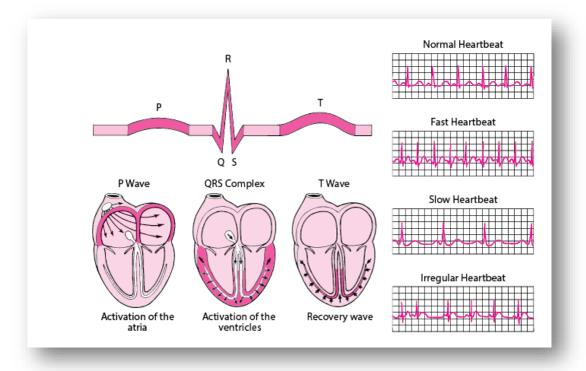
HSR Hochschule Rapperswil

Research partner Professor Dr Christian Mueller

Universitätsspital Basel

Main implementation partner Ramun Schmid

SCHILLER AG





ML for Injection Moulding Control

SUBVENTIONSVERTRAG

Innovationsprojekt 29621.1 IP-ENG

Zwischen der

Innosuisse – Schweizerische Agentur für Innovationsförderung

(nachstehend Beitragsgeberin genannt)

und den folgenden Projektpartnern:

Forschungspartner:

HSR Hochschule für Technik Rapperswil

(nachstehend Empfänger)

Umsetzungspartner:

Kistler Instrumente AG

Netstal-Maschinen AG

Geberit International AG

Weidmann Medical Technology AG

Krauss Maffei Schweiz AG



betreffend

Machine Learning basiertes Prozessmanagementsystem zur Optimierung des Spritzgiessprozesses



Data Driven Injection Moulding

Curdin Wick^(⋈), Frank Ehrig, and Guido Schuster

University of applied science Rapperswil, Rapperswil SG, Switzerland {curdin.wick, frank.ehriq, quido.schuster}@hsr.ch

Abstract. The injection moulding process for the production of plastic parts is a very complex process. Therefore, a lot of experience and expert knowledge is necessary to produce parts with high quality. Changes in granule-batches, environmental influences and wear of the machine and the mould can strongly affect the quality of the produced parts. For this reason an injection moulding machine needs an experienced operator, who reacts properly to changing input variables and sets appropriate countermeasures. Modern injection moulding machines are able to record all countermeasures and have access to a wealth of internal machine data. Consequently, an adequate machine learning (ML) method should be able to observe, to learn the proper countermeasures and to evaluate their effectiveness. With deep learning (DL), a state of the art technology in ML, it will be possible to predictively detect process anomalies for the first time, based only on the knowledge about the internal machine data. If an operator changes the setting parameters of the injection moulding machine, the correlation between the adjustment and the anomaly is being learnt. The aim is to get process adjustment recommendations from the machine learning system.

This is a fundamentally new approach for process management in injection moulding, as the machine learning system detects problems long before they can be seen by an operator. Furthermore, the system provides process adjustment recommendations, based on the supervised and automatically generalized actions from different operators using different injection moulding machines, moulds and materials.

Keywords: Injection moulding · Machine learning · Process anomalies



Embedded Computer Vision for Predictive Maintenance

Application Number: 39689.1 IP-SBM

Application Title: Novel Digital Services for Highly Dynamic Manufacturing Machines

Main partners and project manager



Professor Dr Thomas Friedli

Universität St. Gallen

Professor Dr Thomas Friedli

Universität St. Gallen

Professor Dr Roman Hänggi

HSR Hochschule Rapperswil

Professor Dr Guido Schuster

HSR Hochschule Rapperswil

Rupert Mayenberger

Spühl GmbH

Dr Philipp Gallus

Baumann Springs Ltd.

Julian Pandtle

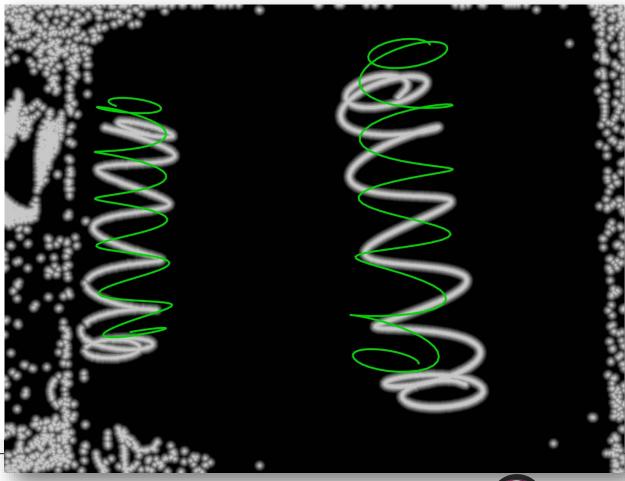
Wafios AG

Roger Hepp

Siemens Schweiz AG, Digital Factory









3D Spring Shape Modeling and Measuring System

Spühl

FUNDING AGREEMENT

Innovation project 59295.1 IP-ENG

between

Innosuisse – Swiss Innovation Agency (hereinafter referred to as Contributor)

and the following project partners:

Research partners:

OST - Ostschweizer Fachhochschule (hereinafter referred to as Recipient)

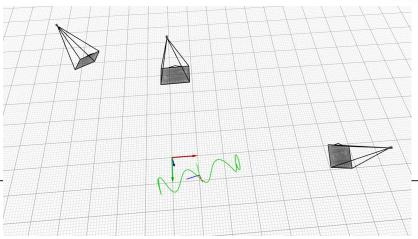
Implementation partners:

Spühl GmbH

relating to

Novel Automatic 3D Spring Shape Modeling and Measuring System







Al based Condition Monitoring using Drones





Main partners and project manager

Project manager Lorenzo Arizzoli-Bulato

LINIA GmbH

Main research partner Professor Dr Guido Schuster

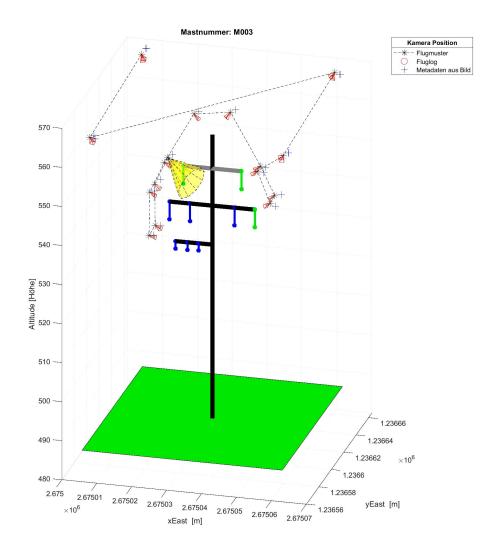
OST - Ostschweizer Fachhochschule

Main implementation partner Lorenzo Arizzoli-Bulato

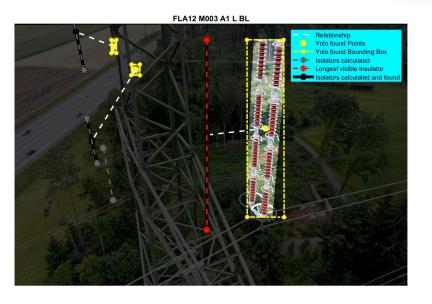
LINIA GmbH



Al based Condition Monitoring using Drones









Al based Condition Monitoring using Drones



Axpo übernimmt Spezialsoftware-Firma LINIA



Unternehmen

Netze

08.04.2024 - Per 1. April 2024 hat Axpo die Software-Firma LINIA übernommen. Die Übernahme ermöglicht Axpo ein einzigartiges Full-Service-Angebot im Dienstleistungsbereich der automatisierten Stromnetzinspektion und den Zugang zu neuen Märkten.

Bereits seit mehreren Jahren arbeiten Axpo und LINIA bei der automatisierten Befliegung von Stromleitungen und Datenauswertung zusammen. Nun hat Axpo das Unternehmen per 1. April 2024 übernommen. LINIA wird in den kommenden Monaten in die Tochtergesellschaft Axpo Grid integriert, um den Kunden einen noch besseren Service aus einer Hand anzubieten. Axpo unterstreicht mit dieser Transaktion ihre Ambitionen als Anbieterin von innovativen Lösungen und ihr Engagement im Startup-Bereich in der Schweiz. Die Marke LINIA bleibt auch nach der Übernahme erhalten und wird gegenüber den Kunden weiterverwendet. Über die finanziellen Bedingungen der Transaktion wurde Stillschweigen vereinbart.

Keyvan Shokoofh, Head of Sales & Market bei Axpo Grid sagt: «Mit der Übernahme von LINIA als ausgewiesene Spezialistin in der automatisierten Stromnetzinspektion erweitern wir unser Lieferumfang und erreichen eine einzigartige Produkttiefe.»

Lorenzo Arizzoli-Bulato, LINIA-Mitgründer und Geschäftsführer, ergänzt: «Die nun noch engere Zusammenarbeit mit einer dynamischen und innovativen Akteurin wie Axpo bietet ideale Voraussetzungen, die LINIA-Software und -Dienstleistungen weiterzuentwickeln und zu vermarkten.»

LINIA ist ein vor sechs Jahren gegründetes Schweizer Startup. Mit integrierten Softwarelösungen ermöglicht LINIA einen digitalisierten Inspektionsprozess, der die Inspektionsqualität, -geschwindigkeit und -sicherheit bedeutend erhöht und dabei die Kosten und CO2-Emissionen reduziert.



Nondestructive Testing of Plastic Welds

+GF+



FUNDING AGREEMENT

Innovation project 59297.1 IP-ICT

between

Innosuisse - Swiss Innovation Agency (hereinafter referred to as Contributor)

and the following project partners:

Research partners:

OST - Ostschweizer Fachhochschule (hereinafter referred to as Recipient)

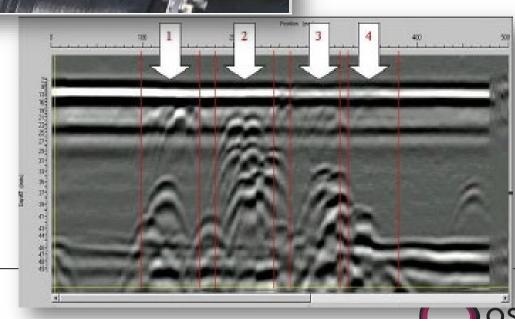
Implementation partners:

Georg Fischer Piping Systems Ltd.

relating to

Automatic Nondestructive Testing (NDT) of Plastic Welds based on Ultrasonic Imaging and Computer Vision (CV)

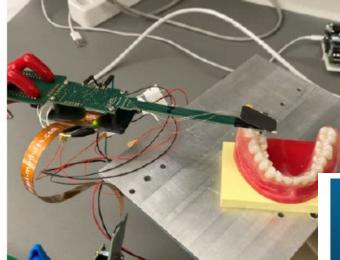




Intraoral Scanner

Brütsch Elektronik

Testaufbau mit integrierten DOE



SUBVENTIONSVERTRAG

Innovationsprojekt 59691.1 IP-ENG

Zwischen der

Innosuisse – Schweizerische Agentur für Innovationsförderung (nachstehend Beitragsgeberin genannt)

und den folgenden Projektpartnern:

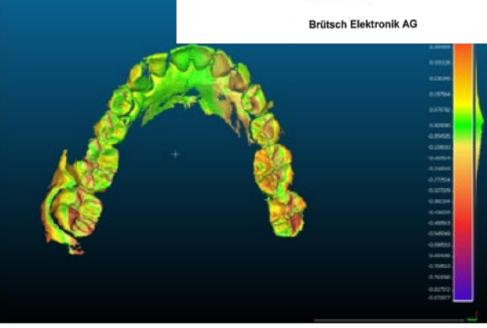
Forschungspartner:

ZHAW - Zürcher Hochschule für Angewandte Wissenschaften (nachstehend Empfänger)

OST - Ostschweizer Fachhochschule

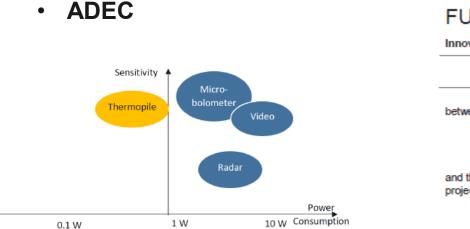
Umsetzungspartner:



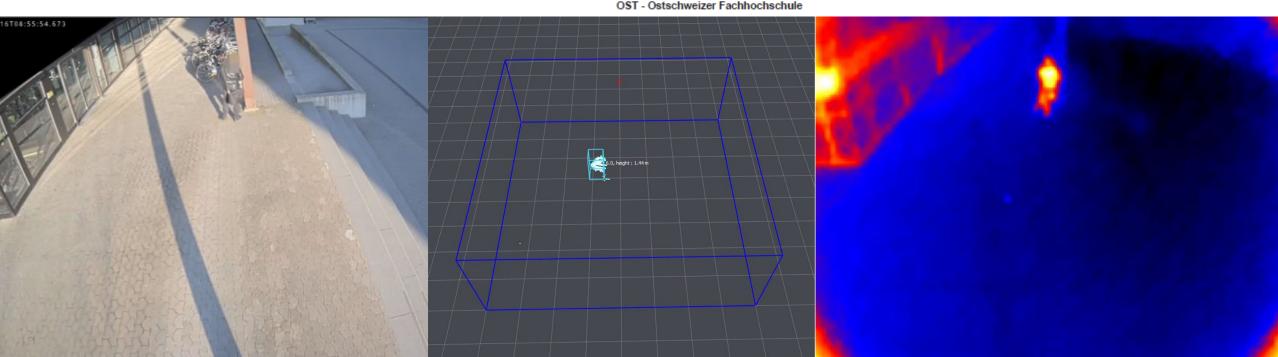


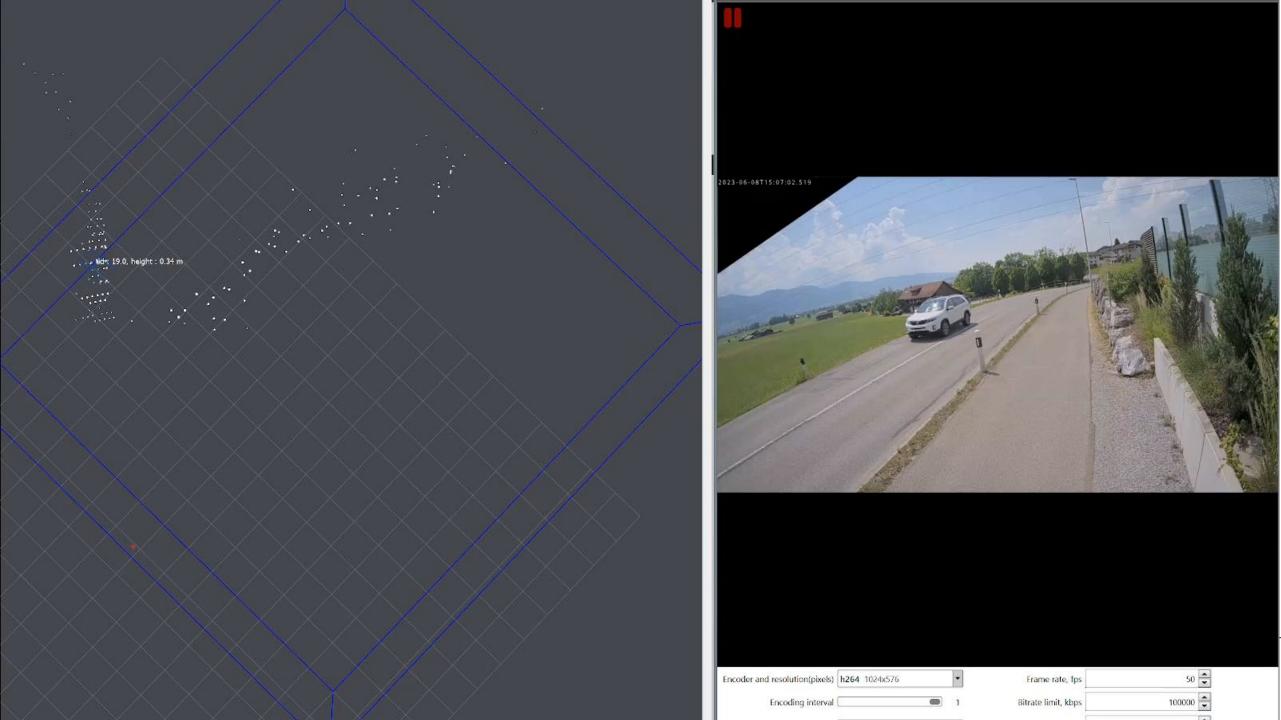


Solar powered Pedestrian/Bicycle Detection/Counting System based on low-power and low-cost Thermopile Arrays AI & CV



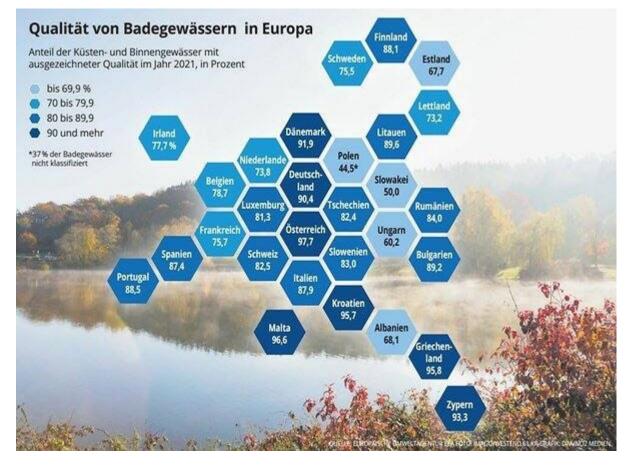






Low-cost and autarkic Water Quality Measurement and Early Warning System for Drinking Water Utilities based on IoT Technologies and Machine Learning

Rittmeyer





Joint project with the UMTEC @ RJ



Executive Functions Training (EFT) System based on Real-Time Computer Vision (CV) and Video Projection (VP)

Lakers Sport





 Joint project with Physiotherapy @ SG



VR Helicopter Simulator

Erster Virtual-Reality-Simulator EASA-qualifiziert

Das aus dem Labor des Interdiciplinary
Center for Artificial Intelligence (ICAI)
hervorgegangene Unternehmen VRM
Switzerland hat den ersten HelikopterFlugsimulator entwickelt, der vollständig auf
Virtual Reality (VR) basiert und von der
Europäischen Agentur für Flugsicherheit
(EASA) anerkannt ist.





Evidence based Training System for Helicopter Pilots

Loft Dynamics

FUNDING AGREEMENT

Innovation project 59296.1 IP-ICT



between

Innosuisse – Swiss Innovation Agency (hereinafter referred to as Contributor)

and the following project partners:

Research partners:

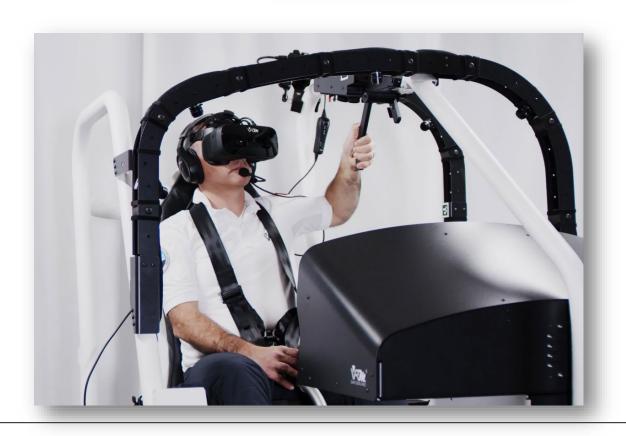
OST - Ostschweizer Fachhochschule (hereinafter referred to as Recipient)

Implementation partners:

VRMotion AG

relating to

Evidence Based Training (EBT) System for Helicopter Pilot Training utilizing the only EASA qualified VR Helicopter Simulator in the world and Statistical Machine Learning





Loft Dynamics secures \$24M series B to transform pilot training with VR

21.08.2025

History [edit]

Loft Dynamics was launched as VRM Switzerland in 2016. It was founded by Fabi Riesen, a Swiss electrical engineer and private pilot, who is also the CEO of the company. It is based in Dübendorf, a suburb of Zurich. The technology was developed at the Institute for Artificial Intelligence (ICAI) at the Eastern Switzerland University of Applied Sciences. Riesen worked in collaboration with Air Zermatt, and launched the simulators initially with Mountainflyers and the Heli Academy. Riesen stated that the goal of the company was to "make an affordable, realistic training device that removes the danger involved in actual flight training".



Loft Dynamics developed the world's only FAA- and EASAqualified VR helicopter simulator, used by operators such as Airbus Helicopters, the Los Angeles Police Department and Air Greenland. With this latest investment, the company is applying its cutting-edge technology and regulatory credibility to transform airline pilot training at scale.

CAS AI

Übersicht

Abschluss: Certificate of Advanced Studies in Artificial Intelligence

Schwerpunkte: Al-Grundlagen, Business Anwendungen, Eigener Case

Nutzen: Sie verstehen die technischen und wirtschaftlichen Al-

Grundlagen und erwerben die Kompetenzen, eine Al-

Führungsrolle zu übernehmen

• ECTS: 15 ECTS

Kosten: 9900 CHF → inklusiv Unterrichtsmaterial (Bücher & PPT)

Zulassung: Anerkannter Tertiärabschluss, mehrjährige qualifizierte

Berufserfahrung, Tätigkeit in einem entsprechenden

Arbeitsfeld, gute Englischkenntnisse, «sur dossier»

Ort: Campus Rapperswil-Jona

Durchführung: Herbst 2026 (Herbst 2025 ist ausgebucht)



