

The corporate identity for Transatlantic AI eXchange is the integration of **binary code of 1s and 0s** and **mathematics symbols +, -, x and ÷** which are the foundation of computers.

The physical world is built out of ATOMS and AI in its digital form is an extension to the physical world enhancing humankind.

The logo and its symbols and color can be used to communicate the Transatlantic AI eXchange to expand the story of collaboration between Europe and the US around AI.

A sense of motion comes from the red and yellow arrow pointing towards a new direction, to pull the two dots or two nations from across the Atlantic. The sculptured symbol promotes the converging of AI technological basis for the exchange between Europe/Germany and the US.

### Corporate Colors

The colors are based on the European/German and US flags, are used to harnesses the power of collaboration in an intelligent way.



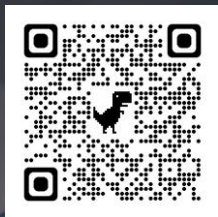


## Thomas Neubert, Silicon Valley CA

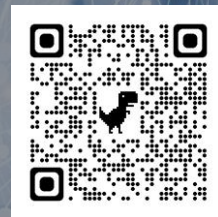
Founder Transatlantic AI eXchange  
CERTAIN DFKI Industry Liaison Officer  
(DFKI: German Research Institute for Artificial Intelligence)

Deep Tech/AI Enthusiast/Entrepreneur/Investor  
(formerly Intel/Deutsche Telekom/Logitech...)

# Advancing DeepTech & AI Together Europe and the US in Partnership Join the eXchange – Drive the Future of AI



LinkedIn



LinkedIn  Transatlantic AI eXchange



No Livestream



No Recording



No Photo

Content available upon request

# Three Decades of EVANGELIZING – BUILDING – CONNECTING – CUSTOMER OBSESSED



## 3D Graphics

- Workstations to Desktop
- Established office in US, Germany, Taiwan, France, UK
- **IPO German Stock Exchange**
- **Evangelized 3D Graphics**
- **New developer eco-system**

## Internet Boom/Bust

- Dedicated HW to Desktop
- Desktop to Mobile
- Ubiquities collaboration
- Affordable for everyone
- Covid changed everything
- **2 M&A Exits**
- **Evangelized Desktop Videoconferencing**
- **New developer eco-system**

## Desktop VidConf

- Turn thread into mutual success
- Partnerships / Investments
- Connect Silicon Valley start-ups to 13 EU countries
- **> 30 partnerships and key strategic investments**
- **Evangelizes new business models**
- **Engage with OTT start-ups**

## Telekom/Innovation


## Robotics/AI/IoT/Cloud


- 3D visualization global sales – Robotics/manufacturing/smart cities
- New developer eco-system for AI inferencing
- Established incubation program for start-ups
- **>50 customer PoCs for 3D vision use cases**
- **>50 AI global developers for AI inferencing**
- **Redefine 3D perceptual computing products**
- **New developer eco-system and use cases for 3D visualization (Desi, Sophia, Boston Dynamics)**


## CUSTOMER OBSESSED




# EVANGELIZING – BUILDING – CONNECTING – CUSTOMER OBSESSED


Health care Platform 


Music creation platform 


EDU Platform 


Genetics Testing 

**Invested**  
**(1 14x Return M&A)**

AI DevEDU Platform 

AI bio-medical healthcare 

AI Bot 

Meta verse/ NFT 

**Advisor/Equity**

AI Supply Chain 

genAI Disabled people 

DNA Memory 

**Active**

- Board-Advisor, Fractional CxO/VP, Mentor, Co-Founder in Residence
- Individual Investor
- Fundraising
- **Hands-On Go-to-Market and Business Development**
- **A trusted local representative for any start-up or even established corporation**
- Support customer acquisitions, partnerships, developer eco-systems
- Guide local strategy development and execution

# Revolutionizing the AI landscape by fostering a vibrant, open & free network of industry experts spanning the Atlantic

## Conduct Business:

Customer acquisitions and partnerships, venture funding and product commercialization.

## Networking:

Connect with a diverse network of transatlantic industry experts



## Educational Events:

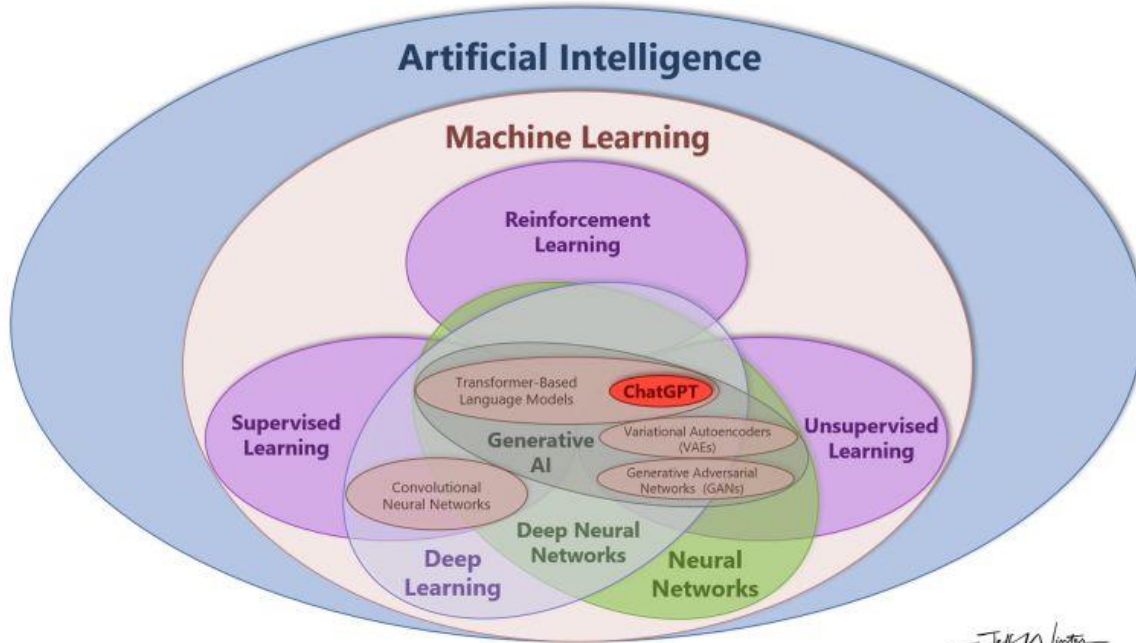
hybrid conferences, **video podcasts**, workshops

## Knowledge Sharing:

Gain access to a wealth of information and insights.



# ChatGPT - It was a black swan event – an unforeseen, rare event that looked inevitable in hindsight



**Bill Gates** says its creation is as fundamental as the computer chip, the internet, and the PC

**Elon Musk** wants to put the brakes on development

**Warren Buffett** is already comparing it to the atomic bomb

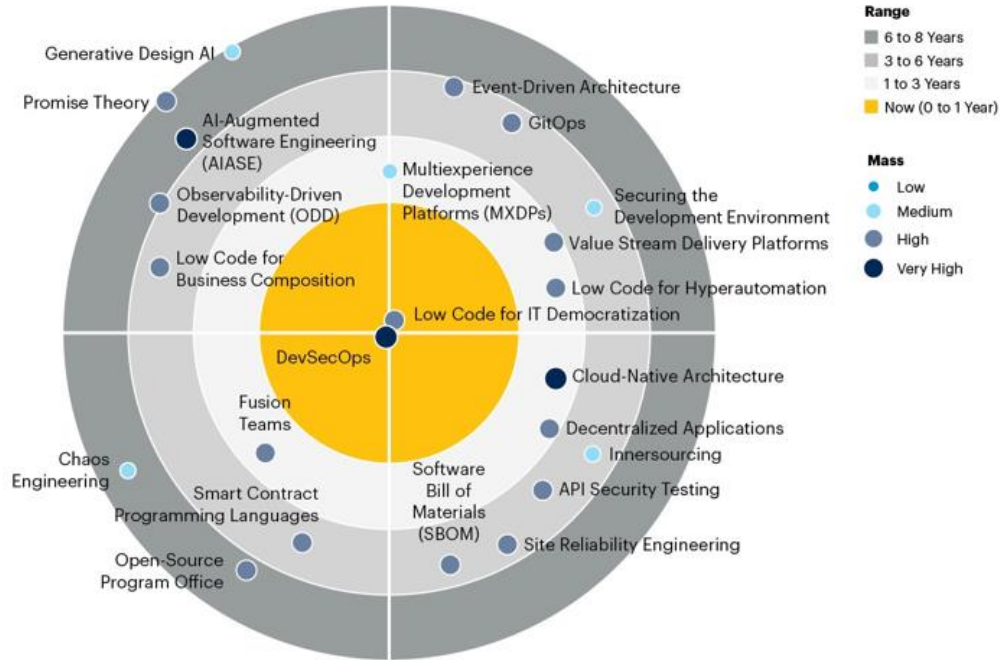
*Jeff Winter*

Jeff Winter: Industry 4.0 & Digital Transformation  
Enthusiast | Business Strategist | Avid Storyteller |  
Tech Geek | Public Speaker



# AI/ML is everywhere

## Impact Radar for Software Engineering



Source: Gartner  
770876\_C

Impact of AI/ML and AI usage scenarios have received quite a lot of coverage across the spectrum. The radar shows a long list of AI/ML related technologies across different time horizons of maturity:

- Generative AI
- Foundation Models
- Intelligent Apps, Knowledge Graphs
- Edge AI, Edge Computer vision
- Responsible AI, Digital Ethics
- Human centered AI
- AI avatars
- Synthetic data, Model compression
- Self-Supervised learning

- Gartner predicts that by 2026, more than **80% of enterprises will have used GenAI APIs** or models or have deployed GenAI-enabled applications in production environments.
- Gartner also predicts that by 2024, **40% of enterprise applications will have embedded conversational AI**, and by 2025, **30% of enterprises will have implemented an AI-augmented development and testing strategy.**

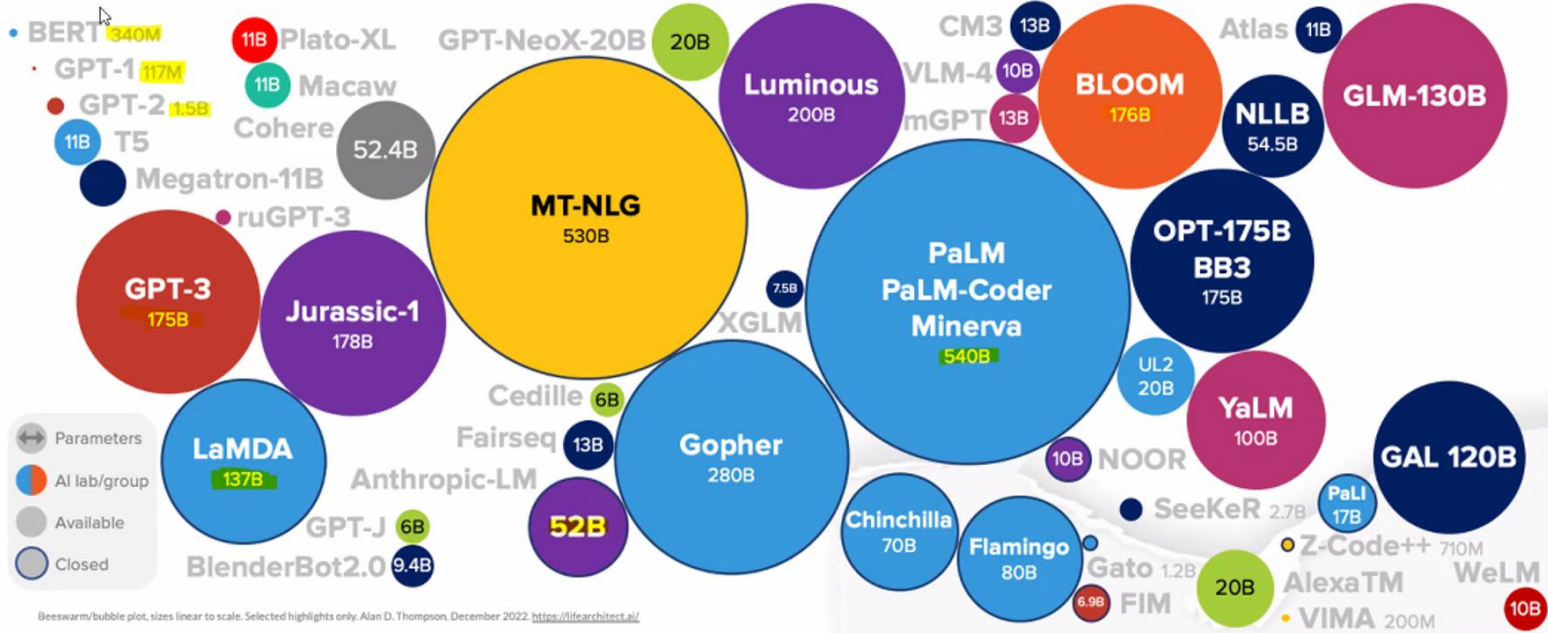






# Historical LLM Comparison

## LANGUAGE MODEL SIZES TO DEC/2022



Beeswarm/bubble plot, sizes linear to scale. Selected highlights only. Alan D. Thompson, December 2022. <https://lifearchitct.ai/>

[LifeArchitect.ai/models](https://lifearchitct.ai/models)











# Skills & Knowledge necessary to navigate this new landscape

Continuous learning and the acquisition of new skills must become central to everyone

<b>Data Literacy</b>	Understand how data is collected, analyzed, and used in AI systems. This includes understanding how <b>data is processed, how algorithms work, and how to interpret the results.</b>		
<b>Critical Thinking</b>	Evaluate the accuracy and reliability of information generated by AI systems. This includes understanding how <b>AI systems work, how they are trained, and how they can be biased.</b>		
<b>Creativity</b>	Identify new opportunities and applications for AI. This includes understanding how AI can be used to <b>solve complex problems and create new products and services.</b>		
<b>Ethics</b>	Develop ethical awareness to understand the social and ethical implications of AI. This includes understanding how AI can be used to <b>promote social good and how it can be used to harm individuals and society.</b>		
<b>Collaboration</b>	Collaboration skills to work effectively with others in a world increasingly influenced by AI. This includes understanding how AI can be used to <b>enhance collaboration and how it can be used to create new forms of social interaction.</b>		



# Artificial Intelligence is Changing Industries

 <p><b>EMERGENCY RESPONSE</b></p> <p>Real-time emergency and crime response</p>	 <p><b>ENERGY</b></p> <p>Maximize production and uptime</p>	 <p><b>EDUCATION</b></p> <p>Transform the learning experience</p>	 <p><b>CITIES</b></p> <p>Enhance safety, research, and more</p>	 <p><b>FINANCE</b></p> <p>Turn data into valuable intelligence</p>	 <p><b>HEALTH</b></p> <p>Revolutionize patient outcomes</p>
 <p><b>INDUSTRIAL</b></p> <p>Empower truly intelligent Industry 4.0</p>	 <p><b>MEDIA</b></p> <p>Create thrilling experiences</p>	 <p><b>RETAIL</b></p> <p>Transform stores and inventory</p>	 <p><b>SMART HOMES</b></p> <p>Enable homes that see, hear, and respond</p>	 <p><b>TELECOM</b></p> <p>Drive network and operational efficiency</p>	 <p><b>SMART CITIES</b></p> <p>Efficient and robust traffic systems</p>



# SMB / Mittelstand - The Road to be an AI Company

Turning any company into an AI company (which must happen) is a JOURNEY !

- Common feedback is that potential of AI has not been clearly identified
- SMB/Mittelstand lack internal resources to explore AI adaption
- AI Journey challenge:
  - Define the problem statements and purpose
  - Identify/collect importance of DATASETS – Meaning of Dataset is different for each company
  - Training, apply and implementation of data to enhance individual businesses
  - Where can AI be applied in a company? (HR, Marketing, supply chain, manufacturing, everywhere? )
  - Adaption challenges of AI are similar between US, Europe, China etc.
  - However, the speed of adaptation, expert resources and implementation differs vastly

## Solution

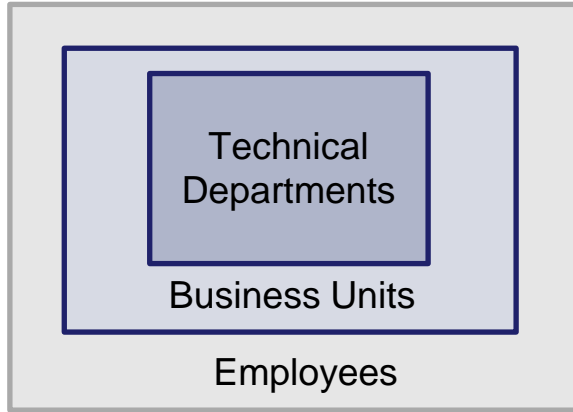
- Exchanges of knowledge from experts to explain all the above through webinars, conferences, workshops and consulting services
- Opportunities for developers and service providers to provide expertise to define strategic and implementation
- Chance for US and Europe to collaborate to not fall behind the competition

**Free video session:** [Demystifying AI – How any business can get started with Machine Learning / AI](#)



# How to become an AI Organization

## The cultural transformation



### **Bottoms up as important as Tops Down**

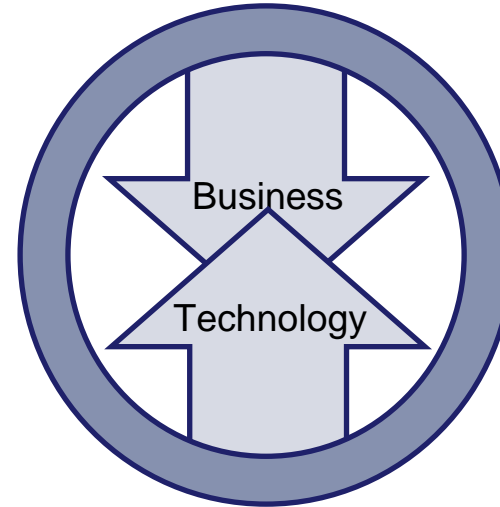
- Culture – Mindset – AI is EVERYWHERE
- Approach AI as a platform - Allocate/Identify Datasets

### **Centralize AI does not work ! ➡ Thread , Rejections**

Training for all people and then bottoms up per departments to understand basis of AI like Finance, HR



## Strategy transformation



### **From Business to Technology**

- Customers – Employees – Processes – Products
- Optimization – Business Disruption – Resilience against disruption

### **From Technology to Business**

- Vision – Speech – Language – Graphs – Tabular – Knowledge
- Prediction – Classification – Optimization – Planning – Recommendation – Generation

# Artificial Intelligence for Everyone

If Data is the new Oil - Artificial Intelligence is the tool to utilize it.

AI is a horizontal workload not a vertical application or segment. AI is the ability to perceive or infer information and to retain it as knowledge to be applied towards adaptive behaviors.

A quick comment about the difference between AI - Machine Learning and Deep Learning

- AI applications include advanced web search engines like Google, recommendation systems used by YouTube, Amazon and Netflix, understanding human speech such as Siri and Alexa, ChatGPT, autonomous driving, automated decision-making and competing at the highest level in strategic game systems such as Chess and Go



Machine Learning made beautifully simple for everyone



Microsoft launches AI Business School to help companies in AI decision making



**Thank You**  
[Thomas@transatlanticaexchange.com](mailto:Thomas@transatlanticaexchange.com)  
+1 408-921-0074

