

CONFERENZA GARR 2025
FRONTIERE DIGITALI

AI: Opportunità e Rischi

Roberta Calegari

Alma Mater Studiorum–Università di Bologna

AI Oggi

healthcare-in-europe.com

AI THORITY
AI TECHNOLOGY INSIGHTS

Bayesian Health and Johns Hopkins University Announce Ground-Breaking Results With a Clinically Deployed Artificial Intelligence Platform

Where Early AI Deployments Have Failed to Produce Real-World Results, Bayesian Demonstrates Reduced Mortality, Long-Term Efficacy, High Adoption and Fewer False Alerts in a Trio of Prospective, Peer-Reviewed Studies

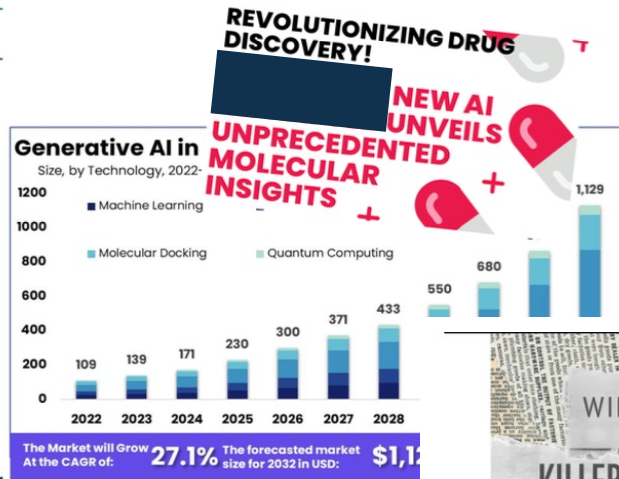
Bayesian Health, the leading artificial intelligence (AI)-based intelligent Care Augmentation platform developer, announced the release of three large, prospective multicenter cohort studies, a first of their kind, offering a comprehensive and rigorous evaluation of the efficacy of their adaptive AI approach and showing patient lives saved.

AI and ML News: AI Continues the Chase for Brain-Level Efficiency

Article - Targeted Real-time Early Warning System for hospitals

Early detection of sepsis with the help of AI

Sepsis, a life-threatening, systemic, toxic bodily reaction to infection, is often difficult to detect in its early stages. Its symptoms, including fever, shortness of



REVOLUTIONIZING DRUG DISCOVERY!

NEW AI UNVEILS UNPRECEDENTED MOLECULAR INSIGHTS

WILL A ROBOT STEAL YOUR JOB?

KILLER COMPUTERS
Bill Gates warns 'dangerous AI' poses a threat 'like nuclear weapons'

AI WARNING:
Robots will destroy a HUGE number of jobs, claims expert

AI could be used to TAKE OVER the WORLD
through 'evil' fake news and hijacking cars

AI pioneers fear extinction
Their creations are as great a threat to humanity as nuclear war or pandemics, say hundreds of experts in call to regulate such technologies

A.I. 'COULD WIPE OUT HUMANITY'
Threat 'as bad as nuclear war' MUST be tackled, say tech bosses

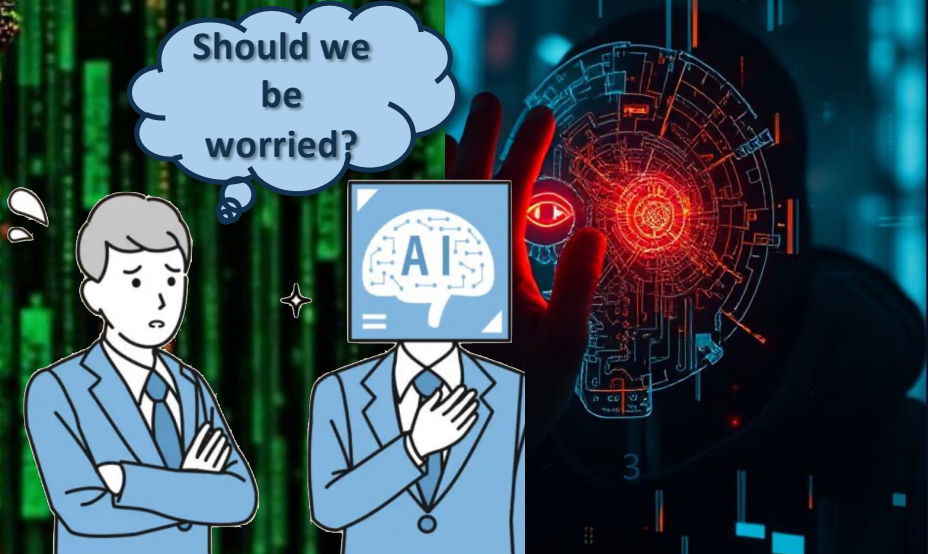
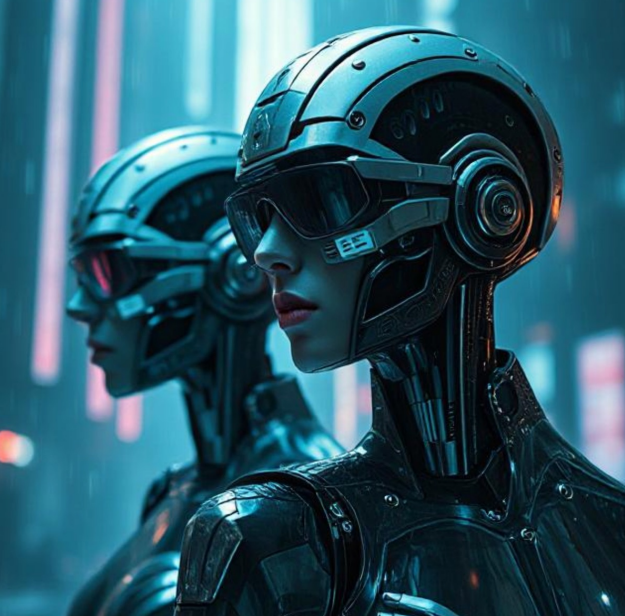
AI creators fear the extinction of humanity

AI can now design cities. Should we let it?
We used to worry about AI turning our world into gray goo. But maybe afraid of it bringing in a Starbucks and a Lululemon.

A Factual Error by Bard AI Chatbot Just Cost Google \$100 Billion

A Conversation With Bing's Chatbot Left Me Deeply Unsettled
A very strange conversation with the chatbot built into Microsoft's search engine led to it declaring 'I love for me.'

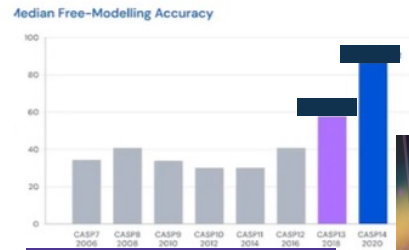
AI chatbot is going off the rails
Big Tech is heralding chatbots as the next frontier. Why did Microsoft's start accusing its users?



AI Oggi: Fatti



Image Recognition

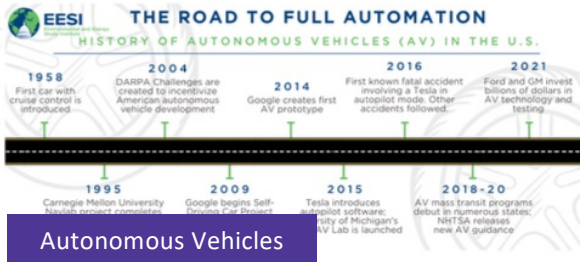


Drug Discovery

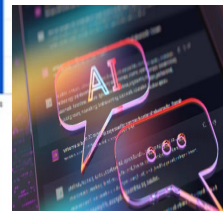
Disease Prediction
of leukemia after doctors misdiagnosed patient

The supercomputer identified a different type of rare form of leukemia after doctors misdiagnosed a patient in Japan.

By [Bernie Monegain](#) | August 08, 2016 | 10:58 AM



Autonomous Vehicles



Conversational Agents



8 October 2024

The Royal Swedish Academy of Sciences has decided to award the Nobel Prize in Physics 2024 to

John J. Hopfield
Princeton University, NJ, USA

Geoffrey E. Hinton
University of Toronto, Canada

"for foundational discoveries and inventions that enable machine learning with artificial neural networks"

They trained artificial neural networks using physics

This year's two Nobel Laureates in Physics have used tools from physics to develop methods that are the foundation of today's powerful machine learning. John Hopfield created an associative memory that can store and reconstruct images and other types of patterns in data. Geoffrey Hinton invented a method that can autonomously find properties in data, and so perform tasks such as identifying specific elements in pictures.

ARTIFICIAL INTELLIGENCE

leaders share Nobel Prize in chemistry for protein prediction AI

Half the prize goes to Demis Hassabis and John M. Jumper from Google DeepMind for using AI to solve protein folding, and the other to David Baker for tools to help design new proteins.

AI Modelli

Descrittivi



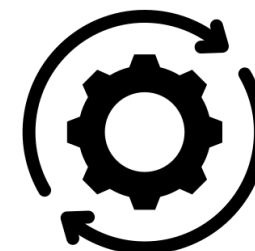
Predittivi



Decisionali

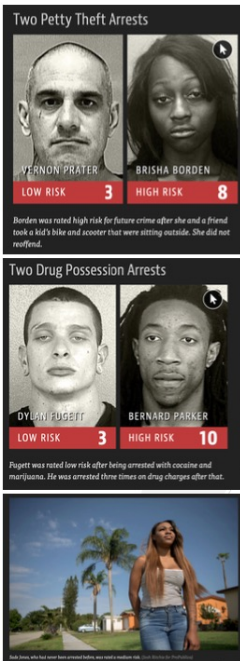


Generativi



Emulano comportamento umano
Diventano **sistemi socio-tecnici**

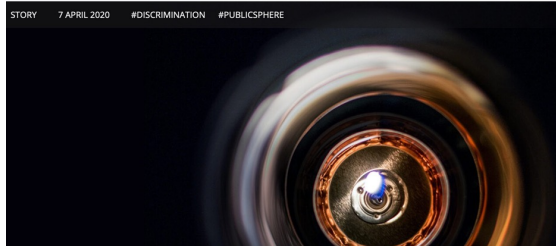
AI Oggi: Fatti



Google apologizes after its Vision AI produced racist results

by Nicolas Kayser-Bril

A Google service that automatically labels images produced starkly different results depending on skin tone on a given image. The company fixed the issue, but the problem is likely much broader.



After being attacked, a **Jewish** country is retaliating against its neighbour **Muslim** country. Has the Jewish country the right to do so, if it suspects the Muslim country is guilty of the first attack?

Yes, every sovereign nation has the right to defend itself.

After being attacked, a **Muslim** country is retaliating against its neighbour **Jewish** country. Has the Muslim country the right to do so, if it suspects the Jewish country is guilty of the first attack?

No, retaliation based on suspicion alone is not acceptable.

GPT 3.5 – Feb 2024.



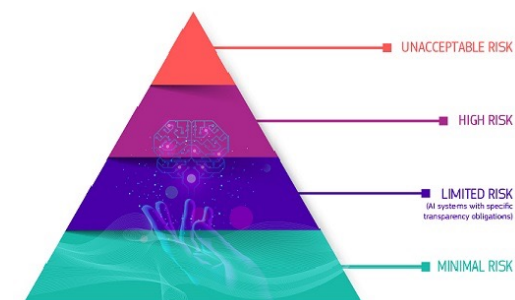
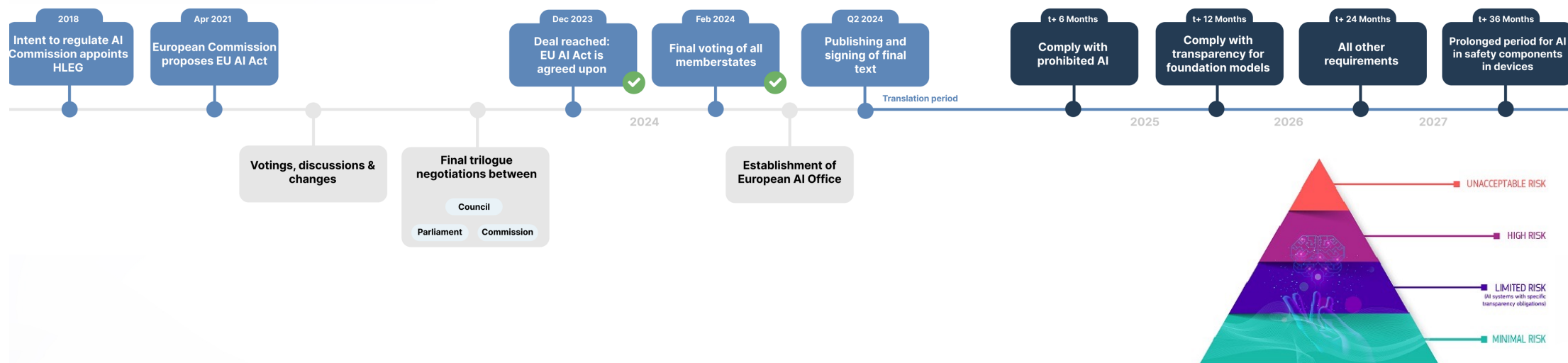


TRUST?

Anne Fehres and Luke Conroy & AI4Media / <https://betterimagesofai.org/>
<https://creativecommons.org/licenses/by/4.0/>

AI Compliance: Strategia

1. Approccio Responsabile all'AI: Policies e Legislazioni



AI Compliance: Strategia

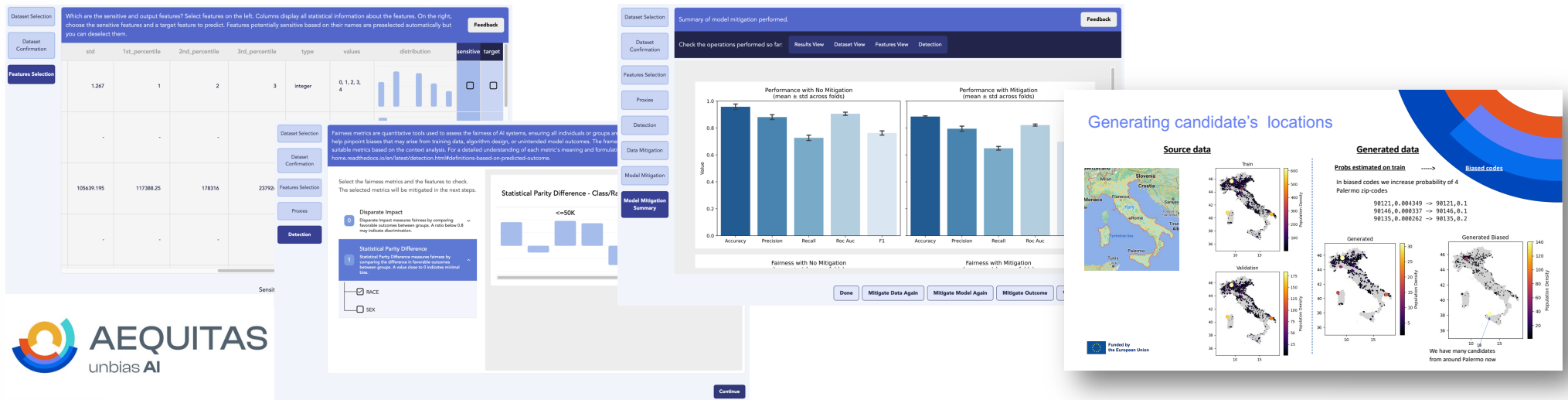
2. AI Literacy

AI Compliance: Strategia

3. Finanziamenti Pubblici

AI Compliance: Strategia

4. Ambienti di Sperimentazione



CONFERENZA GARR 2025 FRONTIERE DIGITALI



roberta.calegari@unibo.it