



Opening

VENICE
FALL 2024

SoftNet 2024 & NexTech 2024

VENICE, FALL 2024

Prof. Dr. Petre Dini, IARIA

International Academy, Research, and Industry Association

Pioneering Open Access





Once in Venice and vicinity

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Keep safe your passport! (this is a MUST, in any touristic city!)

Visit Mestre, Treviso (20-25 minutes by public buss)

Murano, Burano, and Torcello deserve a ½ trip (vaporetto; one day recommended)

Piazza San Marco (St Mark's Basilica, the Doge's Palace, Campanille)

Bridges (Canal Grande: Rialto, all)

Buy unique Venetian Masks

Taste a glass of Prosecco, Venetian Spritz, Veneto, Tuscany

Taste some Cicchetti

Enjoy a few sweets Buranelli

Attend the scientific events!

Mix the beauty of science with the beauty of life





Visibility button on IARIA Website

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Process External Visibility Reading Material Sponsorship FAQ Contact



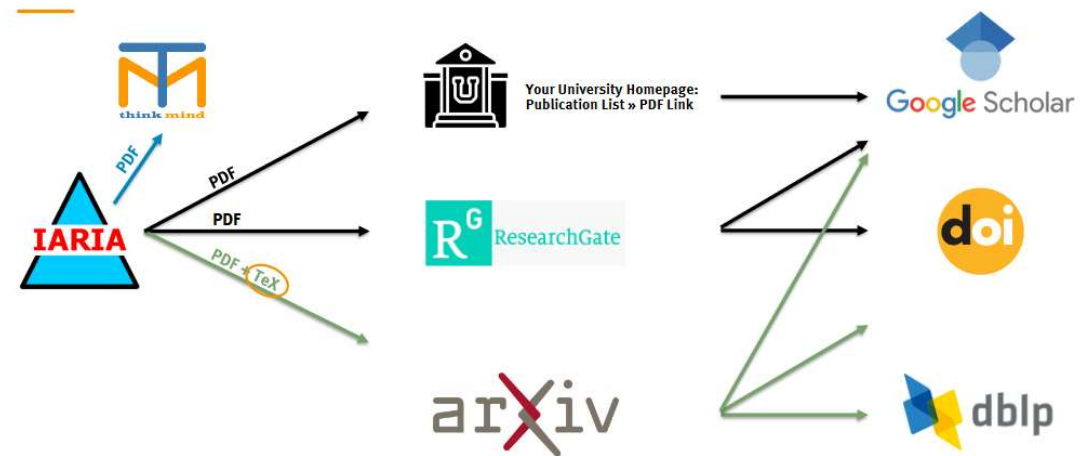
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Proper Indexing as a Multi-Level Challenge



cs.DC (dist. sys./cloud)? **Christoph P. Neumann** (Amberg)
 cs.DB (DBS)? **Fritz Laux** (Reutlingen) {Emeritus}
 cs.CR (crypto)? _____
 cs.SE (SWE)? _____

Call to Action





Societal Awareness

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economictimes.com
<https://m.economictimes.com/international/articleshow>

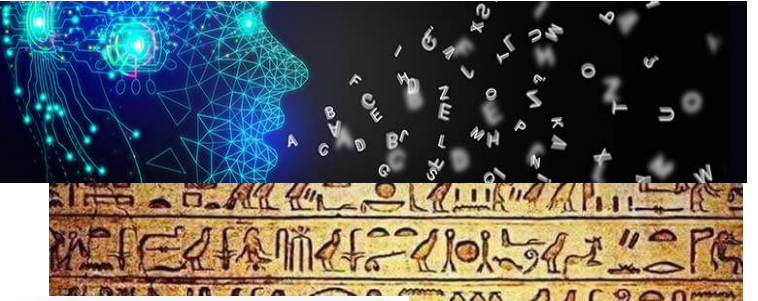
China's UNESCO-listed World Heritage site installs toilet timers.

<https://twitter.com/i/status/1799877043598905349>

Yungang Grottoes in Datong city in Shanxi Province



ARTIFICIAL INTELLIGENCE



Motley Fool Issues A.I. Buy Alert

SOCIETA



Qvo
vadis?



AI Is Coming to Gadgets. 'Want.

The Humane AI Pin, Rabbit R1 and Ray-Ban and put it in a dedicated gadget. WSJ's Joar illustration: Nayon Cho for The Wall Street J



Rabbit R1: <https://youtu.be/DVJL6LXgOE4>

Humane's AI Pin: <https://youtu.be/gMsQO5u7-NQ>



Let's get real about AI.

AI Puts CIOs in the Spotlight, Right Next to the CEO

About 63% of U.S. technology leaders report directly to their chief executives, reflecting a record high driven by AI, according to a Deloitte survey.

By Belle Lin

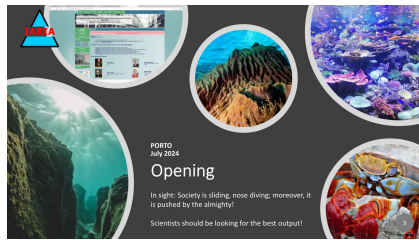
June 12, 2024 4 min read

https://www.wsj.com/video/series/joanna-stern-personal-technology/ai-is-coming-to-gadgets-theres-one-you-may-actually-want/6ABF6807-D4D5-4FD9-85D3-0F7047DEF0C0?mod=ai_videos_pos4
https://www.wsj.com/articles/ai-puts-cios-in-the-spotlight-alongside-the-ceo-efa2f9d2?mod=ai_news_article_pos3



An Interpretation of existing things

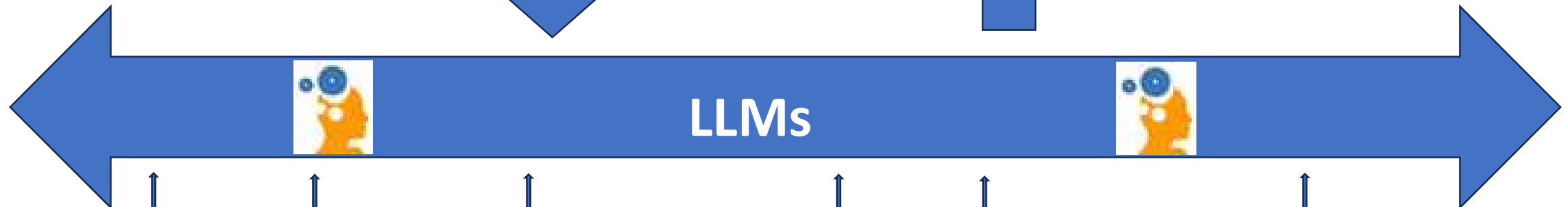
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Personalized (individual) brain-stored HumanPedia can not be captured (storage, access, meaning) as there are mostly suddenly awakened images leading to infinite narratives, each having associated with proper (induced) hallucinations

For this, there is a need of more than 8 Billions of LLMs, and counting!

Generative tools help to quickly and comprehensively summarize **existing** things/knowledge, adding more accuracy!





Powerless even in our vicinity

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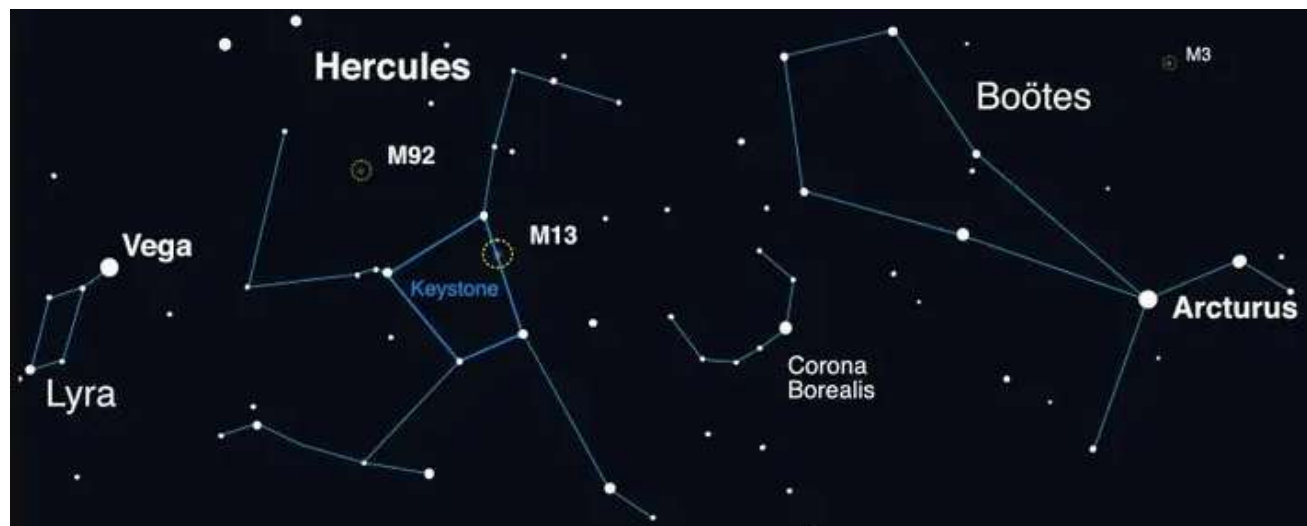
An impending nova event - Published June 19, 2024 4:00am EDT -



NASA predicts 'once-in-a-lifetime event' this summer that no one will want to miss

<https://www.foxnews.com/us/nasa-predicts-once-lifetime-event-summer-5-things-need-know>

An Earth-sized remnant of a dead star, located about 3,000 light years from Earth, will explode



1. The first recorded sighting of a "Blaze Star" nova was in the fall of 1217, when a German scientist noted a "faint star that for a time shone with great light," according to NASA.
1. Fast-forward to 1946, which was the last time the "Blaze Star" nova was seen from Earth, NASA said.



Monitoring and sanctions

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Apple in breach of law on App Store, says EU

It is the first time a company has been found to be in breach of the Digital Markets Act (DMA).

European Union regulators have accused Apple of being in breach of new laws designed to rein in big tech companies.

The European Commission, which regulates competition in the EU, said Apple's App Store squeezes out rival marketplaces, marking the first time it has found a company in breach of the Digital Markets Act (DMA).

The firm faces a potential fine of up to 10% of its global revenue if it fails to comply with the rules.

The European Commission says that developers should be able to freely tell customers when there are cheaper app stores available beyond the one run by Apple.

The firm charges developers an average of 30% commission on its App Store.

Previously, it was told to allow alternatives in the EU in March.

<https://www.bbc.com/news/articles/c5111qxl2nro>

This focuses on three main areas:

A fee of €0.50 (£0.42) which Apple charges developers for every app downloaded outside of Apple's App Store

The number of steps which Apple puts in place for users who want to download apps from alternative stores

Whether Apple's eligibility criteria for alternative app store developers breaches the DMA



As of September 29

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😊 Post-events (Venice, October 2024)

The use of the **AI** label is misleading; It should be **Alternative Mechanisms** to get approximate output close to human brain output in similar situations

One cannot simulate something that we do not understand and accurately model

No knowledge is complete/enough until continuously and instantly updated

No LLM will be large enough; no need of them, either; since, thousands; then, LLM mismatching!

TinyLLMs ?

Infants, at a very early age, know with 100% accuracy some output in given situations; their LLM is very limited

No LLM output can guarantee this accuracy

Side note: the brain has ~86 billion neurons, each neuron has tens of thousands of synapses with various types of cells; each cell has 6-7 levels of membranes (controlled interfaces) and handles chemicals in terms of n/pGr and signals in terms of nV and nA.

Statements that '**humanity will disappear because of AI**' are true human hallucinations

Let us identify, select, adapt to, and adopt what is useful from human activities, for humans!



Enjoy the Coming Days

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Caveat

All or some of us may be right, all or some of us may be wrong

but

Express yourselves!

A personal note:

Umberto Eco: "... "When men stop believing in God, it isn't that they then believe in nothing: they believe in everything"

Last from LinkedIn: AI helped LinkedIn surpass x.y million followers and triple connections among its members.



Enjoy the Coming Days

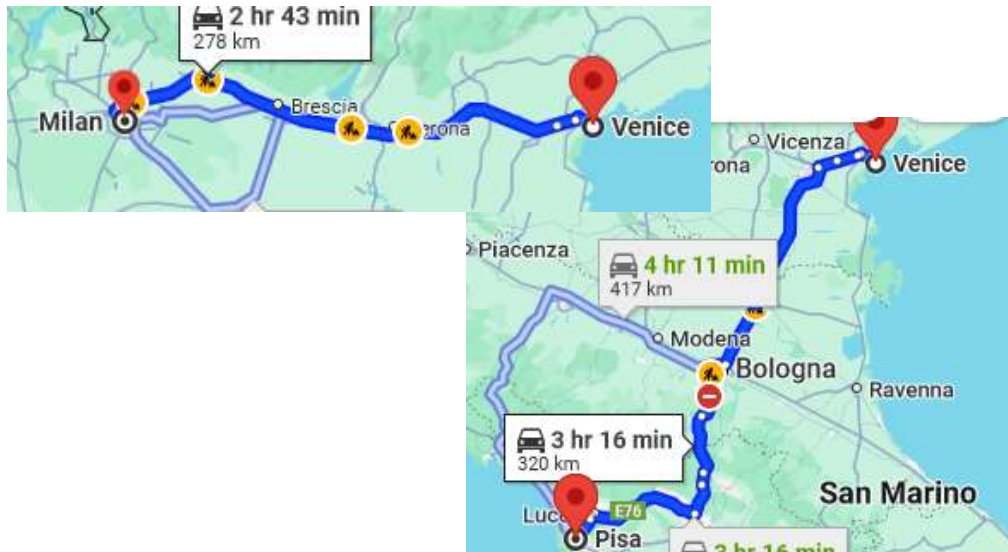
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... at the events and ... in Venice, Florence, Pisa,.... !

Software
Health
Analytics
Cyber



Artificial
Intelligence
Ambient
Semantics
Hallucinations



12:05 PM—3:28 PM	3 hr 23 min
Venezia Santa Lucia - Napoli Centra...	
Venezia Santa Lucia - Salerno	FR > REG
RV	
12:26 PM—3:51 PM	3 hr 25 min
Venezia Santa Lucia - Salerno	FR >
RV	
1:05 PM—4:28 PM	3 hr 23 min
Venezia Santa Lucia - Napoli Centra...	
Venezia Santa Lucia - Salerno	FR > REG

