## Opening

PORTO July 2024

# IARIA Congress 2024 & DigiTech 2024

International Academy, Research, and Industry Association





IARIA









## Once in Porto

Keep safe your passport! (this is a MUST, in any touristic city!) Visit the beach (Praia do Carneiro); 20-25 minutes by public buss (3 euros one way) Terraces on Douro river are great (taxi, ~ 8-10 euros, one way) Douro Uphill villages deserve a trip (cruise, car; one day recommended) Downtown deserves a trip too (hop on hop off bus), Ribeira, Porto Cathedral, Casa Bolsa Bridges (cable: Dom Luis I Bridge); all bridges, 1h tour on the Douro River Visit unique caves, taste a glass of Vinho tinto, Ginjinha (sour cherry), Licor Beirão, Cocktail Caipirinha Enjoy a few Pastel de Nata and Natas do Céu

Bacalhau à brás, Feijoada, Peixe Grelhado (dinner 9:00pm +)



Attend the events!



Mix the beauty of science with the beauty of life





## Societal Awareness

PORTO July 2024



high driven by AI, according to a Deloitte survey.

By Belle Lin

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<sup>A</sup>videos\_pos4 https://www.wsj.com/articles/ai-puts-cios-in-the-spotlight-alongside-the-ceo-efa2f9d2?mod=ai\_news\_article\_pos3

June 12, 2024 🕘 4 min read







#### Post-events (Porto, July 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

On 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!

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 brains has ~86 billions neurons, each neurons 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! <sup>5</sup>



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

#### but

## Express yourselves, believe in something, but not in everything!

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