STOA Workshop: Humans vs machines Ehtical challenges and promises for development

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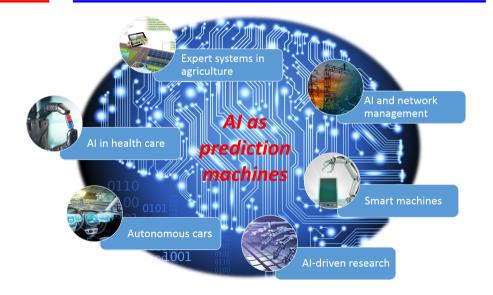
Should we be afraid of AI?



"Large neuronal networks today have a maximum of 1 million nodes but consume the energy of a nuclear power plant. The human brain has 84 billion neurons and runs on a slice of bread."

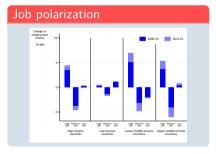
Chris Boos, AI expert and founder of Arago

Where can we see current uses?

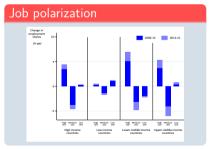


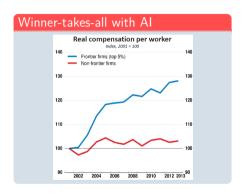




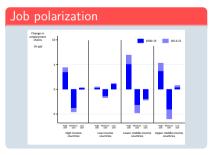


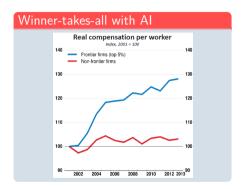








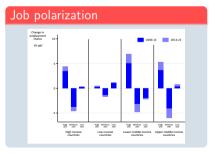


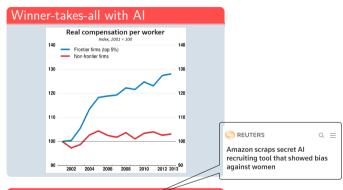


Granular discrimination

- ► Enhances matching efficiency....
- ...but increases price discrimination
- and perpetuates historical biases







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SDG 8 - Promises of AI for development

Structural transformation

...is a constant feature of our economies ...might bring more inequality

Al promises large productivity gains

...including in low-skilled sectors ...with strong boost for developing countries

Preparing businesses

...prepare workforce to use digital technologies
...be aware of significant up-scaling costs

Al transforms capitalism

...creates challenges for sharing wealth ...and requires international cooperation

Want to know more?





The economics of artificial intelligence: Implications for the future of work



Thank you!



Robots worldwide: The impact of automation on employment and trade





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