

Chat Transcript for 'The First Nobel Prize for Insidious Software Degradation (Video)'

Apabistia Notes 2024, 11021300, Nov. 2 (2024)

https://youtu.be/qq6_cJqVX5E?t=0m0s

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| 00:05:38 | Louis Rifkin | No computers at the time amongst other categories or scientific fields & for some weird reason - imo - the Nobel Committee has not created new ones. I think Nobel would be disappointed despite what he had in his will. |
| 00:08:01 | John Gostomski | Synthetic data is being discussed for training models. |
| 00:08:44 | John Gostomski | Hallucinations risk! |
| 00:11:43 | John Gostomski | People are trying to make money with LLMs and like MS did push it to the market lets the market deal with it, get it tweaked and essentially send the data back to ms as the complexity of our software can be cantankerous |
| 00:12:37 | John Gostomski | Yeppers, supposedly not seeing profits as of yet but once the nuclear power plants come on line |
| 00:14:39 | Caetano Peng | Why are we trying to assume that AI is omnipotent, free from any possible error? |
| 00:19:13 | John Gostomski | Looks like some of the work in holography that I saw at the Museum of Holography in New York city. Does not exist in this day and age but there is a reference to look it up. |
| 00:22:51 | John Gostomski | I like the term: "Mechanical Information" sort of in line with Automaton https://www.mentalfloss.com/article/527319/7-amazing-automatons-you-can-see-action |
| 00:24:44 | John Gostomski | Real numbers turned in "cams" https://www.youtube.com/watch?v=ux2KW20nqHU&ab_channel=aBlogtoWatch |
| 00:27:43 | John Gostomski | I used to belong to SMPTE in LA. The org has a demonstration at the academy where 300 cinematographers came to watch a demonstration on digital transfer of historic and older Hollywood film using the emulsion data from the film to show that digitalization can capture their work on to a new medium |
| 00:29:02 | Louis Rifkin | The most important issue imo is ensuring that the technology has an ethical base - beyond Asimov's 3 rules. Maybe a good start is the work being done at https://hypercycle.ai and what Anthropic is working into Claude |
| 00:29:23 | Mary A | Reacted to "The most important..." with 🙄 |
| 00:29:40 | Louis Rifkin | Electrons talking 😏 😊 |
| 00:30:37 | Louis Rifkin | & not "spooky action" |
| 00:31:10 | Gerves Baniakina | For the wave particle duality, can you explain what you mean by the wave encodes the two particles, including the stones? |
| 00:35:12 | Mary A | Is this information bandwidth limitation is not something that happens with quantum computing? |
| 00:38:10 | Mary A | That was debunked |
| 00:40:17 | George Zipperlen | What's the frequency, Kenneth? |
| 00:42:22 | Louis Rifkin | Can we get a copy of the slides? |
| 00:43:01 | Team OrionX.net | The slides are published online: https://sarxiv.org/apa.2024-11-02.1300.pdf |
| 00:43:42 | George Zipperlen | Reacted to "The slides are published..." with 🍌 |
| 00:43:59 | Louis Rifkin | Replying to "The slides are published...": thx |
| 00:44:42 | Jordan Jannone | Reacted to "The slides are published..." with 👍 |
| 00:44:59 | Rahul Pavithran | Reacted to "The slides are published..." with 👍 |
| 00:45:38 | Louis Rifkin | These events are really interesting for a novice like me with an interest in science & whose math really needs something to be desired |

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| 00:48:41 | John Gostomski | So the Nobel prize was actually given for the logic circuit or logical algorithm? |
| 00:49:47 | Caetano Peng | The bio hereditary and the mutation are controlled by quantum physics. The question of spontaneous emergence could be the result of "quantum mutations". |
| 00:54:39 | Mary A | Reacted to "So the Nobel Prize..." with 👍 |
| 00:54:42 | Mary A | Reacted to "The slides are published..." with 👍 |
| 00:58:47 | John Gostomski | Let there be light!!!!!! |
| 01:00:10 | Louis Rifkin | Reacted to "Let there be light!!..." with 😊 |
| 01:01:11 | Louis Rifkin | We'll see if Ray Kurzweil's 2029 AGI prediction is correct |
| 01:01:57 | John Gostomski | Seen too many sci-fi so know how to deal with it and there is the star trek series the first two with the interaction of the enterprise with the crew. As in deep space there is too much going on for human to manage so they depend on their computer system that evolved during the series run. OSST/NG [Original Series Star Trek / Star Trek: The Next Generation] |
| 01:03:20 | John Gostomski | Just got inspiration for a TV show |
| 01:04:11 | Louis Rifkin | Yes I agree - more of a lack of understanding of the issues at that time, I think. |
| 01:05:35 | George Zipperlen | ELIZA made the Turing test obsolete |
| 01:05:47 | George Zipperlen | 1969? |
| 01:08:42 | Louis Rifkin | Isn't IBM using biology for computing? |
| 01:11:13 | George Zipperlen | The equation may be simple, but the difficulty is in the boundary conditions |
| 01:13:10 | Liwen Shih | Reacted to "The slides are published..." with ❤️ |
| 01:13:29 | John Gostomski | The movie "Spectral" played with "Bose-Einstein condensate" model animated by human nervous systems developed by bad guys. Plot hole but action seems to work |
| 01:14:05 | Maja L | Reacted to "The slides are published..." with ❤️ |
| 01:15:19 | George Zipperlen | Bloch sphere is Stereographic projection |
| 01:16:43 | John Gostomski | the space-time concept? |
| 01:17:26 | Liwen Shih | Any insight on Taiwan tiny 1-photon QC https://thequantuminsider.com/2024/10/17/tiny-computer-big-advance-taiwan-develops-small-quantum-computer-using-single-photon/ |
| 01:17:28 | George Zipperlen | Thank you, amazing insights. |
| 01:17:52 | Mary A | Thank you for the interesting presentation. Gives a lot to think about. |
| 01:17:59 | Louis Rifkin | This was really interesting thx Terry. |
| 01:18:21 | John Gostomski | It is a machine and a tool |
| 01:18:35 | Louis Rifkin | Reacted to "It is a machine and ..." with 👍 |
| 01:18:44 | Maja L | Thank you so much for this wonderful presentation! |
| 01:19:07 | George Zipperlen | Re "emergence" could you comment on Phil Anderson's "More is Different" |
| 01:19:10 | Louis Rifkin | Baby steps |
| 01:19:57 | John Gostomski | We can just visualize the molecular machines that are speculated to run inside all of us |
| 01:20:29 | Mary A | Reacted to "Isn't IBM using b..." with 👍 |
| 01:20:35 | Mary A | Reacted to "The equation may b..." with 👍 |
| 01:20:46 | John Gostomski | https://www.youtube.com/watch?v=y-uuk4Pr2i8&ab_channel=EmmanuelDumont |
| 01:22:34 | Il Young Chung | Reacted to "The slides are published..." with ❤️ |

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| 01:22:57 | Il Young Chung | Reacted to "Is this information ..." with 👍 |
| 01:22:59 | Il Young Chung | Reacted to "For the wave particle..." with 👍 |
| 01:25:42 | Kianoosh Kargar | Does anyone know how I can re-watch this web inarticulate? |
| 01:26:32 | Team OrionX.net | Can you bookmark this link The First Nobel Prize for Insidious Software Degradation - YouTube |
| 01:26:57 | Mary A | Reacted to "Re "emergence" could you..." with 👍 |
| 01:27:19 | Liwen Shih | Reacted to "Can you bookmark this..." with ❤️ |
| 01:27:28 | George Zipperlen | It was a joke |
| 01:28:00 | George Zipperlen | Someone asked Dan Rather "What's the frequency Kenneth?" |
| 01:28:26 | George Zipperlen | REM sonf |
| 01:28:28 | John Gostomski | The particle above is a theoretical particle tachyon! |
| 01:28:29 | George Zipperlen | song |
| 01:28:56 | John Gostomski | late 1990s |
| 01:29:26 | Mary A | I hadn't really heard about this while studying quantum mechanics. I always think they are describing a different type of energy or different types of mathematics. Thanks for clarifying on this point. Infinity is a false flag. Breaking light speed is always being parroted. |
| 01:29:59 | Mary A | You were probably going to talk about the need to be skeptical about the hype and mythmaking. |
| 01:32:10 | Ron Schreiner | I think Cray was looking bio computing elements |
| 01:33:02 | George Zipperlen | The physicist who worked on superconducting |
| 01:33:03 | John Gostomski | sure |
| 01:33:12 | George Zipperlen | a famous paper. highly recommended |
| 01:33:28 | Mary A | Phil Anderson's concept of "more is different" emphasizes that as systems grow in complexity and scale, new properties and behaviors emerge that cannot be understood solely by examining the individual components. |
| 01:33:32 | John Gostomski | Josephson junction electronics |
| 01:33:41 | Kianoosh Kargar | Reacted to Can you bookmark this... with "❤️" |
| 01:34:44 | Mary A | Replying to "Phil Anderson's concept...": This may be regarding your point about adding more data and it amplyfying the loss or the emergence theory. |
| 01:35:18 | George Zipperlen | Thank you, a lot of insights to digest later |
| 01:36:08 | Dave Chapman | I liked this talk. You brought up many interesting issues. We will still see a large amount of funding for AI and Quantum Computers, at least for the next few years. |
| 01:36:21 | Dave Chapman | It will be interesting to see what happens. |
| 01:36:56 | Mary A | Reacted to "I liked this talk..." with 🙏 |
| 01:36:59 | George Zipperlen | Insight: Holography isn't spontaneous. |
| 01:37:24 | Mary A | Reacted to "Insight: Holograph..." with 🙏 |
| 01:39:02 | Rahul Pavithran | Thank you for this talk. Some issues were definitely I've had in mind and others opened up my perspective. Will need to dig deeper into the recommendations for future research. |

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| 01:40:07 | John Gostomski | Still learning Go, complicated. the board game risk is similar |
| 01:40:15 | Mary A | Have biologists offered a critique of LLMs and neural nets? |
| 01:44:58 | Dave Chapman | Ah, complex valued neural networks. Excellent. |
| 01:46:27 | George Zipperlen | Reacted to "Ah, complex valued..." with ❤️ |
| 01:48:37 | John Gostomski | Been great, thanks! |
| 01:48:41 | Rahul Pavithran | Reacted to "Ah, complex valued networks..." with ❤️ |
| 01:48:45 | Louis Rifkin | Penrose does have a tendency to mix it up with metaphysics 😊 |
| 01:49:40 | Jordan Jannone | Thank you. Enjoyed the presentation. |
| 01:50:30 | Mary A | Reacted to "Thank you. Enjoyed..." with 🎉 |
| 01:51:01 | John Gostomski | Sweet! |
| 01:51:13 | Mary A | Excellent presentation! Thank you, Terry. Thank you to the organizers. |
| 01:51:43 | Rahul Pavithran | Reacted to "Thank you. Enjoyed t..." with 🎉 |
| 01:51:51 | John Gostomski | 👏 |
| 01:52:02 | Mary A | Jordan Jannone had hand up |
| 01:54:35 | Mary A | Thank you! 🍌 |
| 01:54:53 | Jordan Jannone | Reacted to "Thank you! 🍌" with 👍 |