First International Symposium on Educating for Collective Intelligence

https://cic.uts.edu.au/events/collective-intelligence-edu-2024/

Zoom Chat (6 Dec 2024 AEDT)

00:59:41	Jon Dron:	I'm grateful to be here today on the unceded traditional territories of the Squamish, Musqueam, and Tsleil-Waututh Coast Salish peoples, now more commonly known as Vancouver
01:00:54	Christine F:	Reacted to "I'm grateful to be h..." with 👍
01:02:49	Anne-Marie Scott:	Reacted to "I'm grateful to be h..." with 👍
01:04:57	Margaret Bearman:	hi all
01:05:09	Vinod Ralh:	Reacted to "hi all" with 👍
01:05:10	davidcormier:	I can chat! Hi everybody!
01:05:13	Anna De Liddo:	Reacted to "I'm grateful to be h..." with 👍
01:05:17	Tim Fawns:	Hi Dave
01:05:19	Margaret Bearman:	hello Dave!
01:05:27	Jon Dron:	hey Dave!
01:05:31	Maria:	Hi All
01:05:33	Kamakshi Rajagopal:	Hi everyone!
01:05:42	Maka Eradze:	Hi everyone!
01:05:52	Alla Krasulia:	Reacted to "Hi everyone!" with ❣️
01:05:54	Christine F:	**Could we please have a link to the google doc here in the chat?
01:05:59	Margaret Bearman:	yes
01:06:01	Beth:	🙂 Great to be here!
01:06:02	Wendy Elford:	Hi from Canberra and the "leadership in Complexity" lab at ANU
01:06:06	Margaret Bearman:	https://docs.google.com/document/d/1gStBqBwUUWC0VJ_BJ1R_0QtFQDy-j8jyZvoSMDt970w/edit?tab=t.0
01:06:09	Anna De Liddo:	https://docs.google.com/document/d/1gStBqBwUUWC0VJ_BJ1R_0QtFQDy-j8jyZvoSMDt970w/edit?tab=t.0
01:06:10	Christine F:	Reacted to "https://docs.google...." with 💚
01:06:22	Marc-Antoine Parent:	Reacted to "https://docs.google...." with 🙏
01:06:40	Tim Fawns:	Hi Anne-Marie (spotted your name in the participant list) 😊
01:08:41	Jack Park:	Reacted to "Hi from Canberra and..." with 💯
01:08:52	Margaret Bearman:	hello Wendy
01:09:31	Wendy Elford:	Hi there Margaret - excited for today and our next conversation
01:09:36	Roy Leighton:	Reacted to "https://docs.google...." with 👍
01:09:52	Sarah Healy:	Reacted to "https://docs.google...." with 👍
01:10:00	Sarah Healy:	Reacted to "https://docs.google...." with 👍
01:16:07	Jack Park:	In complexity theory, an attractor basin is useful. Projects are attractors. John H Holland talks about this in his books on complex adaptive systems.
01:18:49	Marc-Antoine Parent:	I would say within deep learning
01:19:39	davidcormier:	Replying to "I would say within d..." I almost feel like we're going to need a location to start on some choral definitions for these words. I wonder how many different ideas of learning are in this chat…
01:19:53	Simon Buckingham Shum:	Welcome to those who missed the intro. Please use the Q&A button to pose questions to the speakers, where you can also upvote questions
01:20:24	Margaret Bearman:	Feel free to put any definitions or ideas in the joint notes doc!

01:20:25	Margaret Bearman:	https://docs.google.com/document/d/1gStBqBwUUWC0VJ_BJ1R_0QtFQDy-j8jyZvoSMDt970w/edit?tab=t.0
01:20:33	Marc-Antoine Parent:	Reacted to "I almost feel like w..." with 💯
01:22:03	Jon Dron:	Replying to "I would say within d..."
		and how many different ideas of intelligence and collective. Stupid mobs are a thing, and I've certainly built a few collective stupidity systems
01:23:09	Simon Buckingham Shum:	Replying to "I would say within d..."
		As Doug Schuler will point out, armies are (sometimes) high performance collective intelligence in action…
01:23:14	davidcormier:	Replying to "I would say within d..."
		Me to Jon. I've also done a lot of 'group formation' by exclusion instead of inclusion
01:23:22	Tim Fawns:	Replying to "I would say within d..."
		Is plurality a necessary ingredient of collective intelligence?
01:23:28	Jon Dron:	Replying to "In complexity theory..."
		his concepts of signals and boundaries are also fruitful stomping grounds
01:23:31	Margaret Bearman:	Replying to "I would say within d..."
		that would counter the army idea
01:24:09	davidcormier:	Replying to "I would say within d..."
		Gonna need more than one army
01:24:13	Margaret Bearman:	Replying to "I would say within d..."
		Hmm
01:24:36	Marc-Antoine Parent:	Replying to "I would say within d..."
		This was about first diagram: Where does GenAI fit in the AI definition?
01:24:38	Jon Dron:	Replying to "I would say within d..."
		@davidcormier Terry Anderson and I see exclusion as a defining feature of intentional groups
01:24:42	Jack Park:	Reacted to "his concepts of sign..." with 👍
01:25:16	Margaret Bearman:	Replying to "I would say within d..."
		Group always means not group..
01:25:25	Jon Dron:	Reacted to "Group always means n..." with 👍
01:27:13	davidcormier:	Replying to "I would say within d..."
		So many communities define by their they instead of their we…
01:27:15	Marc-Antoine Parent:	Replying to "I would say within d..."
		Varela on boundary-defining as essential feature of autopoietic system
01:27:24	davidcormier:	Replying to "I would say within d..."
		https://docs.google.com/document/d/1gStBqBwUUWC0VJ_BJ1R_0QtFQDy-j8jyZvoSMDt970w/edit?tab=t.0#heading=h.gsy920245zca here's a link to a choral definition section
01:27:30	Jon Dron:	Reacted to "Varela on boundary-d..." with 👍
01:27:35	Marc-Antoine Parent:	Replying to "I would say within d..."
		But yes boundaries for better and worse
01:27:43	Marc-Antoine Parent:	Reacted to "https://docs.google...." with 👀
01:27:46	davidcormier:	Replying to "I would say within d..."
		We can fight about what learning means!
01:28:01	Marc-Antoine Parent:	Reacted to "https://docs.google...." with 🔥
01:28:06	Tim Fawns:	If AI does an assessment on a thing better than an average human, does that mean the thing is no longer worth learning? Not sure.

01:28:39	Simon Buckingham Shum:	On how HE in AUS is responding to AI — Gen AI strategies for Australian higher education: Emerging practice https://www.teqsa.gov.au/guides-resources/resources/corporate-publications/gen-ai-strategies-australian-higher-education-emerging-practice
01:28:42	Jon Dron:	Replying to "I would say within d..." important to distinguish between boundaries as ways of defining entities and boundaries as ways of fencing them in. Boundaries can be completely permeable, just distinguishing one entity from another
01:28:45	Marc-Antoine Parent:	Replying to "I would say within d..." Big fan of Caulfield's definition of choral definitions!
01:29:33	Jack Park:	Replying to "I would say within d..." Caulfield links put in the googledoc
01:30:08	Jon Dron:	Reacted to "If AI does an assess..." with 👍
01:30:35	Christine F:	Reacted to "So many communities ..." with 🦜
01:30:49	Anna De Liddo:	Replying to "I would say within d..." @Tim Fawns yes in my view plurality and diversity are key ingredients of collective intelligence.
01:31:06	Margaret Bearman:	Reacted to "@Tim Fawns yes in my..." with 👍
01:31:12	Jack Park:	Reacted to "@Tim Fawns yes in my..." with 👍
01:31:15	Tim Fawns:	Reacted to "@Tim Fawns yes in my..." with 👍
01:31:17	Anna De Liddo:	Reacted to "If AI does an assess..." with 👍
01:31:35	Wendy Elford:	Self-regulation and co-regulation appear to be requirements - any thoughts?
01:31:40	Marc-Antoine Parent:	Agree on AI danger for democracy; nuanced analysis by Schneier https://www.schneier.com/blog/archives/2024/12/ai-and-the-2024-elections.html
01:31:43	Jon Dron:	Replying to "If AI does an assess..." if AIs are the only ones doing it/able to do it, what are they going to be trained on in future? Not just model collapse in the AI - model collapse in our own collective intelligence
01:31:52	Douglas Schuler:	Ants are always cited in collective intelligence literature — but plurality??
01:31:57	Maka Eradze:	Reacted to "if AIs are the only ..." with 👍
01:32:05	Erika Tan (mobile):	Reacted to If AI does an assess... with "👍"
01:32:18	Margaret Bearman:	Ants AND bees?
01:32:45	Marc-Antoine Parent:	Collective intelligence is easier to measure when it's totalitarian :-/
01:33:04	Tim Fawns:	I think we also need to go to more loner animals to learn more about collective intelligence - working with the less obvious examples.
01:33:04	Marc-Antoine Parent:	But definitely better options
01:33:10	Christine F:	Reacted to "Collective intellige..." with 😁
01:33:12	Marc-Antoine Parent:	Reacted to "I think we also need..." with 💯
01:33:18	Christine F:	Reacted to "I think we also need..." with 💯
01:33:22	Vinod Ralh:	Reacted to "Collective intellige..." with 🔥
01:33:36	Christine F:	Replying to "I think we also need..." very curious idea
01:33:36	Colin Beer:	Reacted to "Collective intellige..." with 😊
01:33:44	Jon Dron:	Replying to "Ants are always cite..." As it happens my position paper is about trying to make sense of those kinds of tension - collectives are not one thing.

Time	Name	Message
01:34:28	Wendy Elford:	Emergent spart in tensions - Mary Uhil Bain spoke about this in he model of change and leadership in complexity
01:34:34	Jack Park:	I think that conversation theory (Pask) has something to offer this context.
01:34:42	Marc-Antoine Parent:	Replying to "Ants are always cite..." Are individuals a thing?
01:34:50	Tim Fawns:	Replying to "I think we also need..." Tigers, bears, snakes?
01:34:55	Jon Dron:	Reacted to "I think that convers..." with 👍
01:35:12	Simon Buckingham Shum:	This paper talks about LLMs as CI — really? Burton, J. W., Lopez-Lopez, E., Hechtlinger, S., Rahwan, Z., Aeschbach, S., Bakker, M. A., Becker, J. A., Berditchevskaia, A., Berger, J., Brinkmann, L., Flek, L., Herzog, S. M., Huang, S., Kapoor, S., Narayanan, A., Nussberger, A.-M., Yasseri, T., Nickl, P., Almaatouq, A., Hahn, U., Kurvers, R. H. J. M., Leavy, S., Rahwan, I., Siddarth, D., Siu, A., Woolley, A. W., Wulff, D. U. and Hertwig, R. How large language models can reshape collective intelligence. Nature Human Behaviour, 8, 9 (2024/09/01 2024), 1643-1655. https://doi.org/10.1038/s41562-024-01959-9
01:35:15	Tim Fawns:	Replying to "I think we also need..." Octopus?
01:35:26	Margaret Bearman:	Replying to "I think we also need..." Tigers and their prey are in dialogue one could say
01:35:29	Joanna Tai:	Replying to "I think we also need..." wondering if humans have shifted towards a 'loner' position (individualist) in the connection to the read/write literacy movement in connection with Gutenberg press as per Rupert - not my field of expertise, but how did it change society? Previously might have been more reliant on each other for various aspects
01:35:35	Christine F:	Reacted to "Tigers and their pre..." with 😆
01:35:48	Marc-Antoine Parent:	Replying to "I think we also need..." Some human communities alternate seasonally between large and small communities. Probably some animals as well? Or between individuals and herds?
01:35:57	Christine F:	Reacted to "wondering if humans ..." with 💡
01:36:04	Christine F:	Reacted to "Some human communiti..." with 👍
01:36:21	Jon Dron:	fantastic summary of the big picture - thanks folks
01:36:22	Douglas Schuler:	Thank you presenters!!!!
01:36:26	davidcormier:	Applause!
01:36:39	Tim Fawns:	Thank you - great stuff
01:36:45	Margaret Bearman:	Wonderful - thanks a great landscape to open the symposium
01:36:52	Emma:	Thank you!
01:37:03	Beatrix Ivannovita- Dutch interpreter:	thank you
01:37:07	Anne-Marie Scott:	Thank you!
01:37:30	Roy Leighton:	AI (artificial intelligence) when working alongside the other AI (Appreciative Inquiry) creates sound foundation for dialogue centred education and learning.
01:37:34	Marc-Antoine Parent:	Replying to "Ants are always cite..." Misread you. Agree fully.
01:38:06	davidcormier:	Replying to "Ants are always cite..." Text, I think, gives that illusion of individuality
01:38:10	Tim Fawns:	Reacted to "Some human communiti..." with 👍

01:38:12	Wendy Elford:	Self awareness and regulation might be needed if living voice and dead meaning / outer
01:38:15	Anne-Marie Scott:	Reacted to "If AI does an assess..." with 👍
01:38:21	davidcormier:	Replying to "Ants are always cite..."
		Much like the chat from the Phaedrus we're getting now
01:38:24	Anne-Marie Scott:	Reacted to "if AIs are the only ..." with 👍
01:38:28	Roy Leighton:	Reacted to "Self awareness and r…" with 👍
01:38:31	Joanna Tai:	Reacted to "Much like the chat f..." with 😄
01:38:47	Jon Dron:	Replying to "Ants are always cite..."
		and yet text is one of the most collective activities we can possibly do - language is anything but individual
01:39:02	davidcormier:	Replying to "Ants are always cite..."
		My text is individual.
01:39:04	davidcormier:	Replying to "Ants are always cite..."
		lol
01:39:04	Jon Dron:	Reacted to "Much like the chat f..." with 😃
01:39:08	Marc-Antoine Parent:	Reacted to "and yet text is one ..." with 🔥
01:39:11	Kamakshi Rajagopal:	Reacted to "Self awareness and r..." with 👍
01:39:35	davidcormier:	Replying to "Ants are always cite..."
		It's collective and choral. As our meanings drift so much in reading/writing
01:39:56	Jon Dron:	Replying to "Ants are always cite..."
		here is some individual text… dyrh gasd df
01:39:59	Christine F:	Traditionally, external intelligences were still usually part of the living world.
01:40:03	Marc-Antoine Parent:	Replying to "Ants are always cite..."
		All communication attempts are a way to negotiate communal meaning. But yes, it's grounded in a local PoV.
01:40:10	Mohamad Faazeli:	Yes! humans have an inner perspective since they have a 'body' ... as Rupert said 'animate'
01:40:12	Marc-Antoine Parent:	Reacted to "It's collective and ..." with 🔥
01:40:24	Douglas Schuler:	speaking of animators...
		https://publicsphereproject.org/content/community-animators
01:40:47	Wendy Elford:	I find the difference between difference in identity and identity in difference - might out thoughts on human exchanges with LLM surface some useful ideas here
01:40:51	Anne-Marie Scott:	Replying to "If AI does an assess..."
		https://www.noemamag.com/the-thoughts-the-civilized-keep/ I like the distinction made around understanding in this article.
01:41:00	Marc-Antoine Parent:	Replying to "Ants are always cite..."
		Books are batch communication; so we have less opportunities to negotiate meaning alignment mid-dialogue... but more inter-dialogue.
01:41:31	Jack Park:	Reacted to "AI (artificial intel..." with 💯
01:41:53	Marc-Antoine Parent:	Replying to "If AI does an assess..."
		Don't forget AI is still more memory (+some adaptation) than new thought.
01:41:54	Jon Dron:	Replying to "Yes! humans have an ..."
		but the boundaries between intrasomatic and extrasomatic are very, very fuzzy
01:42:07	Marc-Antoine Parent:	Reacted to "but the boundaries b..." with 💯
01:42:16	davidcormier:	Replying to "Ants are always cite..."
		Books are old fashioned Jon, no one should be writing them anymore 😛

01:42:53	Tim Fawns:	Reacted to "but the boundaries b..." with 💯
01:42:57	Marc-Antoine Parent:	Replying to "Yes! humans have an ..."
		Enactive cognition
01:43:27	Marc-Antoine Parent:	Reacted to "Self awareness and r..." with 👍
01:44:03	Tim Fawns:	Replying to "Yes! humans have an ..."
		@Jon Dron yes! Do you know this paper on embodied cognition in locked in syndrome?
		https://link.springer.com/article/10.1007/s11097-013-9344-9
01:44:04	Wendy Elford:	Venkatesh Rao's book Tempo is useful to show how CI and time connecct
01:44:12	Jon Dron:	Most forms of stigmergy work over longer periods than the immediate
01:44:31	Jack Park:	Reacted to "Most forms of stigme..." with 👍
01:44:35	Maka Eradze:	May there are synchronic and diachronicc dimensions to it
01:44:37	Tim Fawns:	Replying to "Ants are always cite..."
		Dave they are fine for writing, just not for reading.
01:44:51	Anne-Marie Scott:	Reacted to "Dave they are fine f..." with 😄
01:44:52	Marc-Antoine Parent:	Reacted to "Dave they are fine f..." with 😁
01:44:58	Anne-Marie Scott:	Reacted to "Dave they are fine f..." with 🔥
01:45:03	davidcormier:	Replying to "Ants are always cite..."
		@Tim They do a great job decorating the shelf
01:45:21	Anne-Marie Scott:	Reacted to "and yet text is one ..." with 🔥
01:45:24	Tim Fawns:	Replying to "Ants are always cite..."
		All that time you spent on the cover has paid off!
01:45:30	Marc-Antoine Parent:	Really interesting question, Anna. There is also a short and long timescale of transmission
01:45:30	Joanna Tai:	Reacted to "Dave they are fine f..." with 😄
01:46:02	Tim Fawns:	Reacted to "May there are be syn..." with 👍
01:46:14	Marc-Antoine Parent:	I think making the interface between timescales is a key issue
01:46:26	Wendy Elford:	Recent conference at ANU Nov 2024 on GLAM and digitising artefacts to make these accessible.
01:46:30	Tim Fawns:	Reacted to "Most forms of stigme..." with 👍
01:46:36	0100373s:	I'm having trouble with my wifi here in Ireland
01:46:37	Marc-Antoine Parent:	Reacted to "May there are synchr..." with 👍
01:46:40	Marc-Antoine Parent:	Reacted to "Most forms of stigme..." with 👍
01:46:52	Jon Dron:	Replying to "Ants are always cite..."
		@davidcormier physical books are definitely parts of my extended mind in ways that digital books don't even come close to matching. I want electronic wallpaper with all of my digital books showing on it otherwise I forget I've read them
01:48:21	Sandris Zeivots:	Reacted to "Dave they are fine f..." with 😄
01:49:33	Jon Dron:	Replying to "Ants are always cite..."
		Or maybe there's a market for just selling the covers?
01:50:19	Marc-Antoine Parent:	No social decision should be opaque, or led by an opaque process. Even without AI, we have lack of transparency; but AI makes it worse. Any social decision should be backed by a structure of decision rationales that can be contributed to collectively.
01:50:27	Tim Fawns:	Replying to "Ants are always cite..."
		I've found that to be the best way of judging a book.
01:50:42	Jon Dron:	Reacted to "I've found that to b..." with 😀
01:50:46	Rupert Wegerif:	Reacted to "I find the differenc..." with 👍
01:50:46	davidcormier:	List of resources regarding environmental impact of AI
		https://pad.riseup.net/p/Against_AI_and_Its_Environmental_Harms-keep

01:50:50	Marc-Antoine Parent:	Reacted to "Dave they are fine f..." with 🔥
01:50:54	Wendy Elford:	Reacted to "No social decision s..." with 👍
01:51:10	Tim Fawns:	Reacted to "List of resources re..." with 👍
01:51:28	Anne-Marie Scott:	Reacted to "List of resources re..." with 👍
01:51:43	Marc-Antoine Parent:	Reacted to "List of resources re..." with 👍
01:51:51	Mohamad Faazeli:	Yes, regarding ecological footprint, some people use chatGPT for EVERY task and this makes huge environmental impacts
01:52:01	Marc-Antoine Parent:	Reacted to "Yes, regarding ecolo..." with 💯
01:52:19	Marc-Antoine Parent:	Reacted to "Yes, regarding ecolo..." with 🌍
01:52:23	Marc-Antoine Parent:	Reacted to "Yes, regarding ecolo..." with 🔥
01:52:26	Simon Buckingham Shum:	A paradox — environmentally damaging tech to tackle the climate crisis…
		A recent piece on how we might think differently about AI https://www.bostonreview.net/forum/the-ai-we-deserve/
01:52:37	davidcormier:	https://www.nytimes.com/2024/10/23/technology/characterai-lawsuit-teen-suicide.html
01:52:48	Sandris Zeivots:	Reacted to "Or maybe there's a m..." with 😂
01:53:34	Marc-Antoine Parent:	"Don't build the torment nexus"
01:53:46	Jack Park:	Links to articles on Stewart Brand's Pace layering (how civilizations - and cities - learn , in the googledoc
01:54:00	Jon Dron:	Reacted to "Links to articles on..." with 👍
01:54:04	Anne-Marie Scott:	Where might we engage in collective intelligence with other life-forms? I think of the relationships between trees and fungi for example.
01:54:15	Margaret Bearman:	definitions of AI again
01:54:23	Maka Eradze:	Reacted to "definitions of AI ag..." with 👍
01:54:28	Marc-Antoine Parent:	Reacted to "A paradox — environm..." with 🙏
01:54:30	Marc-Antoine Parent:	Reacted to "A paradox — environm..." with 👀
01:54:34	Margaret Bearman:	AI as in Mike's speech, compared with, (animated by?) humans
01:54:37	Jon Dron:	Replying to "Where might we engag..."
		dogs and people?
01:54:44	Anne-Marie Scott:	Replying to "Where might we engag..."
		Cats and people?
01:55:07	Marc-Antoine Parent:	Replying to "Where might we engag..."
		We spoke of traditional connection to land at the start
01:55:25	Wendy Elford:	Again - if we're not self regulating when lives of youth and others are disrupted - we cannot use our native intelligence
01:55:30	Marc-Antoine Parent:	Replying to "Where might we engag..."
		Rivers as a legal entity in some jurisdictions
01:55:43	Marc-Antoine Parent:	Reacted to "Again - if we're not..." with 💯
01:55:50	davidcormier:	Replying to "Where might we engag..."
		I feel like there's a Donna Harraway quote I need to put in here
01:56:01	Marc-Antoine Parent:	Reacted to "I feel like there's ..." with 😁
01:56:08	Jon Dron:	Replying to "Where might we engag..."
		@Anne-Marie Scott that's collective stupidity - or maybe we are a part of cats' collective intelligence
01:56:14	Anne-Marie Scott:	Reacted to "@Anne-Marie Scott th..." with 😂
01:56:16	Simon Buckingham Shum:	I think a fundamental question we must ask ourselves is: Can educators justify the appropriation of this imperfect tech to create graduates who will subvert those values?
01:56:19	Anne-Marie Scott:	Reacted to "Rivers as a legal en..." with 👆
01:56:29	Marc-Antoine Parent:	Reacted to "@Anne-Marie Scott th..." with 😺
01:56:34	sylvia:	Reacted to "I think a fundamenta..." with 👍
01:56:47	Christine F:	Reacted to "Again - if we're not..." with 💯

01:57:21	Jon Dron:	Reacted to "I think a fundamenta..." with 👍
01:57:22	Mohamad Faazeli:	Reacted to "I think a fundamenta..." with 👍
01:57:52	Anne-Marie Scott:	Replying to "Where might we engag..."
		For me, the call to a traditional relationship to the land is another call to the embodied nature of intelligence.
01:57:53	sylvia:	Thank you Zac
01:57:59	Beth:	Reacted to "Thank you Zac" with 👍
01:58:22	Christine F:	Reacted to "For me, the call to ..." with 💚
01:58:25	Marc-Antoine Parent:	Reacted to "For me, the call to ..." with 🧎
01:58:29	Marc-Antoine Parent:	Reacted to "Thank you Zac" with 👍
01:58:30	Sandris Zeivots:	Reacted to "I think a fundamenta..." with 👍
01:58:32	davidcormier:	Replying to "definitions of AI ag..."
		I think a lot of our associations with those definitions of AI come out of the Newell/Simon AI chess work from the 50-70s.
01:58:40	Anne-Marie Scott:	Replying to "Where might we engag..."
		Thinking of Robin Wall Kimmerer who says "we understand a thing only when we understand it with all four aspects of our being: mind, body, emotion, and spirit."
01:59:00	Jack Park:	Reacted to "I think a fundamenta..." with 👍
01:59:11	Wendy Elford:	Replying to "Where might we engag..."
		Sitting outside under a tree at the moment! Watching the city roll past
01:59:27	Christine F:	Reacted to "Thinking of Robin Wa..." with 🌍
01:59:27	Anne-Marie Scott:	Reacted to "I think a fundamenta..." with 👍
01:59:53	Marc-Antoine Parent:	I think there is an existential issue. Disagree with how Bostrom framed it. My main existential fear: how will people handle criticism and friction when they can get an AI to praise them at any time?
02:00:01	Roy Leighton:	This is such a wonderful discussion. Sadly I have to sign off. I look forward to watching the recording and continuing the dialogue. Many thanks 🙏
02:00:08	Jack Park:	Replying to "Where might we engag..."
		@Wendy Elford How does a city roll?
02:02:02	Jon Dron:	Replying to "I think there is an ..."
		also in my talk - we learn ways of being when we interact. What ways of being will we learn when so many of our interactions are with things that are not (quite) human?
02:02:04	Marc-Antoine Parent:	Silicon chips are other-organized
02:02:17	Marc-Antoine Parent:	Reacted to "also in my talk - we..." with 💯
02:03:05	Marc-Antoine Parent:	AI is often used as an accountability sink
02:03:23	davidcormier:	And so much of what we think of as learning is normative.
02:03:31	Marc-Antoine Parent:	Reacted to "And so much of what ..." with 💯
02:03:41	davidcormier:	Not that normativity is necessarily bad.
02:03:43	Tim Fawns:	Replying to "Where might we engag..."
		We are often engaging in collective intelligence with animals. Pet notices something and then you investigate, for example. Animals flee from something and alert you to the danger.
02:03:55	Marc-Antoine Parent:	Reacted to "Not that normativity..." with ✅
02:04:15	Jon Dron:	Reacted to "Not that normativity..." with 👍
02:04:26	davidcormier:	Ong sighting (citing)!
02:04:28	Vinod Ralh:	Given that we live in an era where technologists can directly influence people globally, bypassing traditional controls like parental oversight or government regulation, is the question for us how can we effectively mitigate harm while fostering

		appropriate and ethical use of such technologies in an ever-accelerating landscape?
02:04:38	Tim Fawns:	Replying to "Where might we engag..."
		Testing medicines and other things on animals is a form of collective intelligence, I would argue.
02:05:01	Wendy Elford:	Replying to "Where might we engag..."
		@Jack Park mostly separate individuals here - people walking a direction and not relating to one another, cars with single people, task performance - notable is the lack of interaction
02:05:03	Marc-Antoine Parent:	Reacted to "Given that we live i..." with 💯
02:05:13	Anna De Liddo:	Reacted to "Given that we live i..." with ❤️
02:05:19	Tim Fawns:	Replying to "Ong sighting (citing..."
		Exciting!
02:05:24	Simon Buckingham Shum:	I would love to see Walter Ong on LLMs…
02:05:30	Mohamad Faazeli:	Thank you Rupert, very good comment
02:05:49	davidcormier:	It's almost beer o'clock here.
02:05:51	Beatrix Ivannovita- Dutch interpreter:	Reacted to "Given that we live i..." with ❤️
02:06:03	Tim Fawns:	Replying to "It's almost beer o'c..."
		Is it 10am already?
02:06:07	Marc-Antoine Parent:	Hello Mark!
02:06:10	davidcormier:	Reacted to "Is it 10am already?" with 😛
02:06:37	Vinod Ralh:	Reacted to "It's almost beer o'c..." with 😂
02:06:53	Jon Dron:	Replying to "Where might we engag..."
		@Tim Fawns is it collective intelligence if our relationship is essentially host/parasite? The dog/human symbiosis seems closer to what I would think of as trans-species collective intelligence because both gain greater capacity to adapt
02:07:48	Joanna Tai:	Reacted to "Not that normativity..." with 👍
02:07:56	Rupert Wegerif:	Post humanism is a return to animism in a way - everything is intelligence because the intelligence as Anna suggested lies in the creative clash of dialogue - the gap between perspectives allows an emergence that is not limited to the human. We think we are human - maybe we are nature 'on the inside'?
02:08:37	Sandris Zeivots:	Reacted to "Is it 10am already?" with 😛
02:08:59	Rupert Wegerif:	Schrodinger suggested that there is only one intelligence taking different forms but not essentially different in the various stages of self overcoming
02:09:03	davidcormier:	I appreciate the usage of 'addressing challenges' instead of 'problem solving' here.
02:09:07	kerryn coombs-valeontis Dharug Country she/ her:	What is CI please??
02:09:15	Marc-Antoine Parent:	Collective intelligence!
02:09:26	Anna De Liddo:	Reacted to "Schrodinger suggeste..." with ❤️
02:09:33	Wendy Elford:	Replying to "Where might we engag..."
		A team watering plants - seems task design is part of the 'roll' - that there is a shape of activity which pulls people in the city to interact. Almost a decision
02:10:05	Jon Dron:	Replying to "What is CI please?? "
		that's one of the big questions this symposium is trying to answer: I think we have many, many different but connected ways of understanding it
02:10:19	davidcormier:	Is this suggesting that collectives are more ethical? Is there research on this? It has not been my personal experience.
02:10:25	kerryn coombs-valeontis Dharug Country she/ her:	Dah! Thanks
02:10:31	Sandris Zeivots:	Reacted to "Post humanism is a r..." with 👍

02:10:32	Wendy Elford:	CI only weakly applied in design of Bill - now and ACT - on Aged Care in Australia
02:10:37	Anna De Liddo:	Reacted to "Post humanism is a r..." with ❤️
02:10:41	Jon Dron:	Reacted to "A team watering plan..." with 👍
02:11:39	Jon Dron:	Replying to "Is this suggesting t..." mobs are collectives. So are stampedes.
02:12:02	Rupert Wegerif:	I tend to think - like vygotsky perhaps following Marx - that all intelligence is collective intelligence - the apparent individual form is a temporary 'internalised' social dialogue
02:12:13	davidcormier:	Replying to "Is this suggesting t..." Yeah. That's what I'm saying. Collectives are more dangerous, I think, but I can't imagine how they'd be more ethical
02:12:15	Jon Dron:	Reacted to "I tend to think - li..." with 👍
02:12:21	Sandris Zeivots:	Reacted to "I tend to think - li..." with 👍
02:12:36	Margaret Bearman:	Replying to "I tend to think - li..." Oh completely
02:12:51	Marc-Antoine Parent:	Replying to "Post humanism is a r..." Posthumanism as animism... I certainly see the eschatological dimension, but it feels to me it writes humans out of the conversation? At least some currents. But yes, we need to think ecosystemic without quite embracing cosmism imho. Cosmism has a tendency to look for the one mind to rule rule it all
02:13:20	Anne-Marie Scott:	Reacted to "Post humanism is a r..." with ❤️
02:13:33	Simon Buckingham Shum:	Replying to "Is this suggesting t..." The assumption is that powerful elites haven't done such a great job with their forms of CI…
02:14:02	davidcormier:	Replying to "Is this suggesting t..." Well. I mean, they got their job done. I just don't like the job they were trying to do.
02:14:24	Marc-Antoine Parent:	Replying to "Is this suggesting t..." CI works better than individuals when there's a shared goal and a conversation (See Enigma of Reason.) Without those conditions, yes you get a stampede
02:14:45	Simon Buckingham Shum:	…towards an open access CI curriculum…
02:14:50	Rupert Wegerif:	Replying to "Post humanism is a r..." But if intelligence is a system effect are not humans a temporary configuration of a larger field and a larger process?
02:15:04	Jack Park:	Reacted to "…towards an open acc..." with 💯
02:15:29	Jon Dron:	Replying to "I tend to think - li..." lately I've been thinking of it as a technological connectome in which we and the artifacts we create participate, with no firm boundaries between intra- and extra-somatic technologies
02:15:36	Simon Buckingham Shum:	A reminder that you can post a question using the Q&A button
02:15:50	Wendy Elford:	Replying to "Is this suggesting t..." @Marc-Antoine Parent that idea fits with vibe at conference - keep on coming back to PURPOSE and reminder to 'problematise" which also relates to ask a better question.
02:15:58	Jack Park:	Quest games teach CI
02:16:04	Marc-Antoine Parent:	Replying to "Post humanism is a r..." True, but this is also used as an excuse to speed up the process and dismiss mere humans. The here and now is part of the unfolding history.
02:16:08	Simon Buckingham Shum:	Learning by doing — I think we're going to see experiential learning emerge as central to educating for CI

02:16:26	Rupert Wegerif:	Replying to "Post humanism is a r..."
		The one mind to rule them all - Hegelian perhaps - is modified by the fact that it can only manifest within the dialogue as a voice ie there is no overarching Mind - only lots of perspectives in dialogues - atoms and quarks and wombats as perspectives within the 'mind' but no one perspective being 'The Mind'??
02:16:38	Christine F:	Interesting to consider a highly personalized approach to teaching/exploring CI
02:17:32	Rupert Wegerif:	Very interesting about teaching CI - thanks Mark!
02:17:33	Jack Park:	Replying to "Learning by doing — ..."
		Quest games offer just-in-time learning opportunities.
02:17:51	Marc-Antoine Parent:	Replying to "Post humanism is a r..."
		This I'm comfortable with. Just noting there is a totalitarian stream within CI, unfortunately (see Emile Torres on tescreal)
02:18:04	Vinod Ralh:	Subversive Intelligence
		Teaching CI shouldn't just be about "optimistic" collaboration and problem-solving big issues; perhaps it's also about understanding how power and influence can subvert outcomes for self-serving goals. Students need to learn to recognise, address, and balance these forces to design systems that solve problems while accounting for the dynamics of competing powers at play.
02:18:25	Marc-Antoine Parent:	Reacted to "Subversive Intellige..." with 🔥
02:18:34	Vinod Ralh:	Zoom = Subversive intelligence 😄
02:18:57	Simon Buckingham Shum:	The Q&A button may be under your (…) button in the toolbar if your Zoom window isn't wide enough to show it
02:18:58	Christine F:	Reacted to "Post humanism is a r..." with 🐦
02:19:07	Marc-Antoine Parent:	Replying to "Post humanism is a r..."
		Looking for collective problem solving should not be obligation for consensus.
02:20:00	Rupert Wegerif:	Glad you are back Mike!
02:20:18	Margaret Bearman:	any more q & a please add
02:20:21	Margaret Bearman:	panel please use hand
02:20:23	Tim Fawns:	Replying to "Where might we engag..."
		@Jon Dron I need to think more about this. I am seeing me and my computer or my study as collective intelligence but the computer or the room doesn't get anything out of it in an individualist sense.
02:20:30	Anna De Liddo:	Reacted to "I tend to think - li..." with 👍
02:20:43	Marc-Antoine Parent:	Replying to "Post humanism is a r..."
		And a part of that trend unfortunately lives within post-humanism... which is why I pointed this out
02:20:53	Tim Fawns:	Replying to "Where might we engag..."
		or not "as collective intelligence" but as involved in collective intelligence activity, maybe.
02:21:00	Sandris Zeivots:	Reacted to "The one mind to rule..." with 👍
02:21:22	Christine F:	Replying to "Post humanism is a r..."
		So the process of engagement is key to creative contribution
02:21:53	Wendy Elford:	Replying to "Post humanism is a r..."
		Mary U-B now talks about everyone being a leader/follower
02:21:54	Tim Fawns:	Replying to "Where might we engag..."
		So for me collective intelligence exists in activity that is collective. The mouse is thinking and experience things through our interaction in testing, even if that stuff is not beneficial to the mouse?

02:22:13	Christine F:	Reacted to "The one mind to rule..." with 👍
02:22:22	Tim Fawns:	Replying to "What is CI please?? "
		Or are you asking about the acronym? CI = collective intelligence
02:22:32	Tim Fawns:	Reacted to "I tend to think - li..." with 👍
02:22:39	Anne-Marie Scott:	I need to drop for a provincial working group on AI in education so I will follow up with the recording. Thank you all so much. This has been so good.
02:22:50	Marc-Antoine Parent:	Reacted to "So the process of en..." with 💯
02:22:50	Vinod Ralh:	Not quite the angle I was going for - more so that students need to understand others acting against a big issues for own goal - not soft skills in a group CI setting
02:23:03	Tim Fawns:	Replying to "I tend to think - li..."
		I will say that individual and collective are mutually constitutive.
02:23:03	Wendy Elford:	Collective imagination to understand together what the failure modes are
02:23:17	Wendy Elford:	Replying to "Collective imaginati..."
		Another CI
02:23:38	Jon Dron:	Replying to "Where might we engag..."
		that's where my notion of the technological connectome comes in - it is a part of you, you are a part of it. Lab animals for testing are essentially being used as technological components in much the same way, I guess.
02:23:45	Rupert Wegerif:	Do we need to teach the theory of CI in order to teach the reality of CI ?
02:23:50	Marc-Antoine Parent:	Reacted to "Collective imaginati..." with 🔥
02:24:29	Tim Fawns:	Replying to "Is this suggesting t..."
		I think we're missing the point here. It's all collective. Some collectives are more sustained, coherent, attuned or "effective" (or powerful, maybe, in whatever direction) than others.
02:24:30	Wendy Elford:	Replying to "Where might we engag..."
		Just did a workshop with Trevor Wie in Australia here - also lots of work in this area with Indigenous Australians
02:24:45	Marc-Antoine Parent:	Reacted to "Just did a workshop ..." with 🔥
02:24:48	Jon Dron:	Replying to "I tend to think - li..."
		what Kauffman calls a Kantian Whole, where the whole exists by means of the parts and the parts exist by means of the whole
02:25:02	Rupert Wegerif:	Reacted to "I think we're missin..." with 👍
02:25:24	davidcormier:	Replying to "Is this suggesting t..."
		I think my feeling here is that it is 'all collectives' not just the tidy ones that you setup to solve a discrete problem
02:25:45	Rupert Wegerif:	Reacted to "what Kauffman calls ..." with 👍
02:26:01	Tim Fawns:	Replying to "Is this suggesting t..."
		@Dave - exactly. And even within organised or tidy ones are dynamic messy ones
02:26:02	Rupert Wegerif:	Reacted to "CI works better than..." with 👍
02:26:16	Marc-Antoine Parent:	Replying to "Post humanism is a r..."
		We're all learners together, and teachers sometimes
02:26:32	Tim Fawns:	Reacted to "Post humanism is a r..." with 👍
02:26:33	Jon Dron:	Replying to "Is this suggesting t..."
		it is not unreasonable to think of the whole human race and what it creates as a single collective - where we choose to put the boundaries matters a lot

02:26:37	Maria:	Thank you for the interesting discussion and presentations. I have to go, but I will follow the rest of the event from the recording. Once again thank you for organising this meeting.
02:26:37	davidcormier:	Replying to "Is this suggesting t..." It's often the dominant voices of a collective that report out of it as well
02:26:49	Tim Fawns:	Reacted to "The one mind to rule..." with 👍
02:27:20	Marc-Antoine Parent:	Replying to "Is this suggesting t..." Yes, that's the question. A collective process that leads to collective destruction would be collective, but not collective intelligence!
02:27:21	Christine F:	Reacted to "Do we need to teach ..." with 👍
02:27:38	Tim Fawns:	Reacted to "it is not unreasonab..." with 👍
02:27:46	Marc-Antoine Parent:	Reacted to "what Kauffman calls ..." with 👍
02:28:00	Simon Buckingham Shum:	"CI" will take on 2 new meanings next…
02:28:09	Marc-Antoine Parent:	Reacted to "I will say that indi..." with 👍
02:28:18	Christine F:	Reacted to "Yes, that's the ques..." with 😆
02:28:19	Tim Fawns:	Replying to "Is this suggesting t..." @Marc is intelligence contingent on good outcomes? Why can we not use our intelligence for self-destruction?
02:28:29	davidcormier:	Replying to "Is this suggesting t..." It's definitely collective intelligence. It's just depends on what your values are. If you value destruction, then it went well 🙂
02:28:31	Rupert Wegerif:	Replying to "Is this suggesting t..." We can make many different cuts but perhaps the human bit is part of a larger nature bit - not to be understood externally so much as internally - as a kind of universal superposition?
02:30:10	Jon Dron:	Replying to "Is this suggesting t..." the thing is, what may be seen as intelligent locally may not be intelligent if you expand the boundaries. We tend to think of humans as smart, for instance, but our collective impact on the planet suggests that, collectively, we are not. Similarly for eating that cream cake now - intelligent once because it satisfies cravings, maybe not so great when done several times a day.
02:30:11	Tim Fawns:	Replying to "Is this suggesting t..." @Rupert - bounding and cuts are important here. Our positionality defines what counts as a mind at any particular moment and we can and should change that depending on what we are trying to see?
02:30:49	Marc-Antoine Parent:	Replying to "Is this suggesting t..." I posit that most people would not want destruction; so unintended outcomes of collective actions are clearly collective stupidity.
02:30:53	Margaret Bearman:	Replying to "Is this suggesting t..." I actually think intelligence here is more challenging than collective.
02:31:01	Marc-Antoine Parent:	Reacted to "I actually think int..." with 💯
02:31:02	Jon Dron:	Reacted to "I actually think int..." with 👍
02:31:11	Rupert Wegerif:	Replying to "Is this suggesting t..." Sure - is that perhaps an enactive approach to cognition?
02:31:20	Marc-Antoine Parent:	Reacted to "the thing is, what m..." with 💯
02:31:39	Marc-Antoine Parent:	Reacted to "Sure - is that perha..." with 😺
02:32:07	Margaret Bearman:	Replying to "Is this suggesting t..." And some definitions of intelligence

02:32:08	davidcormier:	Replying to "Is this suggesting t..." @Margaret Bearman and my experience is 'collective' is that it takes a lot of work, and that person doing the work tends to impose their values on that collective.
02:32:34	Marc-Antoine Parent:	Replying to "Is this suggesting t..." More often than not, but there are notable exceptions.
02:32:44	Marc-Antoine Parent:	Replying to "Is this suggesting t..." But absolutely on the work.
02:32:47	davidcormier:	Replying to "Is this suggesting t..." There seem to be a lot more selfish reasons to bring people together than 'common good' reasons
02:33:11	Margaret Bearman:	Replying to "Is this suggesting t..." @davidcormier agree - except of course I never impose I'm only imposed upon ...
02:33:12	Marc-Antoine Parent:	Replying to "Is this suggesting t..." Consultation-washing is definitely more common than actually listening
02:33:27	Christine F:	Reacted to "I think we're missin..." with 👍
02:33:38	Rupert Wegerif:	Replying to "Is this suggesting t..." My point is perhaps - that moment by moment - it is seldom clear to me what the 'I am a human' boundary defines exactly - I see with eyes shaped by a billion years of evolution - to experience a moment is to be part of the whole of time - the human boundary bit seems a bit of a fantasy imposed after events? Like looking a mirror and confusing the image with the looking process?
02:33:41	davidcormier:	Replying to "Is this suggesting t..." @Marc-Antoine Parent not sure if you were replying to me or not, but are there examples of collectives that are organized without the values being imposed?
02:33:43	Christine F:	Reacted to "I think my feeling h..." with 👍
02:34:05	Jon Dron:	Replying to "Is this suggesting t..." many collective processes are cooperative, not collaborative: it's individuals responding to and affecting an environment that changes because of how other individuals are responding to and affecting the environment (e.g. stigmergy)
02:34:09	davidcormier:	Replying to "Is this suggesting t..." @Margaret Bearman Thus far I always do what you tell me, so I don't think that applies in all cases 😛
02:34:32	Marc-Antoine Parent:	Replying to "Is this suggesting t..." I was. I think some facilitation processes for CI actually allow emergence vs imposition.
02:34:34	davidcormier:	RAND corporation!
02:34:40	Margaret Bearman:	Reacted to "@Margaret Bearman Th..." with 😄
02:34:43	Simon Buckingham Shum:	If we aren't talking about "dark CI" then we're only delivering training in CI, not educating for CI
02:34:55	Tim Fawns:	Reacted to "@davidcormier agree ..." with 😄
02:35:11	Rupert Wegerif:	Replying to "Is this suggesting t..." Some suggest values evolve as the glue that enables community and CI - Axelrod etc - eg dialogue implies listening to others and reciprocity as essential values but dialogue is essential to social life, ie moral facts here …
02:35:23	Tim Fawns:	Reacted to "My point is perhaps ..." with ❤️
02:35:24	Marc-Antoine Parent:	Replying to "Is this suggesting t..." Eg big fan of dynamic facilitation

02:35:41	Marc-Antoine Parent:	Reacted to "Some suggest values ..." with 💯
02:35:42	sylvia:	Reacted to "Some suggest values ..." with 👍
02:35:45	Jon Dron:	Replying to "Is this suggesting t..."
		so much of collective intelligence (in the stigmergic sense) is in the structures and algorithms, not the individuals who enact them
02:36:17	Marc-Antoine Parent:	Replying to "Is this suggesting t..."
		I think you need both, in most cases.
02:36:18	davidcormier:	Replying to "Is this suggesting t..."
		@Marc-Antoine Parent Are those facilitation processes not a distillation of a series of values?
02:36:24	Tim Fawns:	Replying to "Is this suggesting t..."
		@Rupert Wegerif the boundary of the human is a convenient illusion to help us with other constructs (identity, simplifying decision-making, etc.)?
02:36:30	Jon Dron:	Reacted to "I think you need bot..." with 👍
02:36:37	Tim Fawns:	Reacted to "so much of collectiv..." with 👍
02:36:48	Marc-Antoine Parent:	Replying to "Is this suggesting t..."
		Processes can impose values of course, but people have to contribute.
02:36:58	Mohamad Faazeli:	Reacted to "My point is perhaps ..." with ❤️
02:37:10	Marc-Antoine Parent:	Replying to "Is this suggesting t..."
		@davidcormier of course. Participation is a value. :-) but it does not mean it's imposed.
02:37:10	Simon Buckingham Shum:	A chatbot can cultivate some of these character qualities and dispositions: discuss…
02:37:24	Margaret Bearman:	Replying to "Is this suggesting t..."
		Hmm. @Tim Fawns @Rupert Wegerif I think we have boundaries. Our bodies.
02:37:26	Sandris Zeivots:	Reacted to "many collective proc..." with 👍
02:37:26	davidcormier:	Well my friends. This is the most fun I've had in a while, but I have to go make supper. Take care of yourselves, and I hope to see you soon.
02:37:55	Margaret Bearman:	Reacted to "Well my friends. Thi..." with 👍
02:38:00	Marc-Antoine Parent:	Replying to "Is this suggesting t..."
		Boundaries exist as the locus of interaction with the environment. It's both.
02:38:05	Simon Buckingham Shum:	Reacted to "Well my friends. Thi..." with 👍
02:38:05	Marc-Antoine Parent:	Replying to "Is this suggesting t..."
		(Again channeling Varela)
02:38:11	Jon Dron:	Replying to "Is this suggesting t..."
		@Margaret Bearman but parts of our cognition lie beyond our bodies
02:38:13	davidcormier:	Reacted to "Well my friends. Thi..." with 👍
02:38:15	Anna De Liddo:	Replying to "Is this suggesting t..."
		Unfortunately not all collective intelligence necessarily produce collectively positive results. So when teaching for CI we need to equipe future generation to recognise the negative processes, prevent them and avoid the harm they would create while designing and enabling the good ones.
02:38:19	Marc-Antoine Parent:	Reacted to "@Margaret Bearman bu..." with 💯
02:38:27	Marc-Antoine Parent:	Reacted to "Unfortunately not al..." with 🔥
02:38:37	Marc-Antoine Parent:	Replying to "Is this suggesting t..."
		Yes, that's what Doug is saying.
02:38:39	Mohamad Faazeli:	Reacted to "Post humanism is a r..." with ❤️

02:38:52	Mohamad Faazeli:	Reacted to "I tend to think - li..." with 👍
02:39:00	Rupert Wegerif:	The I in CI has been associated with efficiently achieving ends that are set elsewhere. Ie can have bad CI if motivated by bad aims. Hence need to shift in education to a concept of Collective Wisdom - maximising flourishing not just effiency
02:39:17	Marc-Antoine Parent:	Replying to "Is this suggesting t..."
		Self-destructive choices can be collective.
02:39:21	Jon Dron:	Reacted to "Well my friends. Thi..." with 👏🏻
02:39:24	Marc-Antoine Parent:	Replying to "Is this suggesting t..."
		Atlee talks of collective wisdom...
02:39:35	Simon Buckingham Shum:	Hors d'oeuvres from our speakers only today 😃 Full meals to follow I hope next year
02:39:55	Marc-Antoine Parent:	Reacted to "The I in CI has been..." with 🔥
02:39:57	Tim Fawns:	Reacted to "Hors d'oeuvres from ..." with 😂
02:40:02	Marc-Antoine Parent:	Reacted to "Well my friends. Thi..." with 👏🏻
02:40:05	Margaret Bearman:	Replying to "Is this suggesting t..."
		@Jon Dron this may be true, but there is bounding by the embodied. I can only animate, to use @Rupert Wegerif's language by my body
02:40:09	sylvia:	Reacted to "Hors d'oeuvres from ..." with 👍
02:40:12	Margaret Bearman:	Replying to "Is this suggesting t..."
		*with
02:41:20	Marc-Antoine Parent:	Replying to "Is this suggesting t..."
		Not always. But I would argue that there is a special ethical transgression inherent in individualism! In other terms: necessary but not sufficient condition :-) (And yes, often collectives smother individuals and that's also a problem.)
02:41:44	Jon Dron:	Replying to "Is this suggesting t..."
		@Margaret Bearman yes, it's a very natural boundary, especially as there is a load of stuff going on inside that no one else will ever know. But it is a very permeable boundary (sometimes literally!)
02:41:54	Marc-Antoine Parent:	Reacted to "@Margaret Bearman ye..." with 💯
02:41:55	Vinod Ralh:	Replying to "A chatbot can cultiv..."
		A modern stratego that takes into account CI and subversive CI
02:42:14	Marc-Antoine Parent:	But you're right about the importance of embodied experience.
02:43:12	Margaret Bearman:	Replying to "Is this suggesting t..."
		@Jon Dron agree! Permeable and collective and affective but yet some kind of boundary
02:43:23	Marc-Antoine Parent:	Reacted to "@Jon Dron agree! Per..." with ✅
02:43:24	Tim Fawns:	Replying to "Is this suggesting t..."
		But embodiment is by definition relational between internal and external.
02:44:02	Wendy Elford:	Leadership and change - the aspiring of the sponsor was one idea - role that is important - also the enabler - both critical
02:44:06	Marc-Antoine Parent:	Reacted to "But embodiment is by..." with 💯
02:44:49	Wendy Elford:	Sponsor and enabler - two roles around the dynamic leader-follower
02:44:54	Simon Buckingham Shum:	Evergreen College is of course a remarkable outlier from how many tertiary programs run — lessons for us
02:45:24	Sandris Zeivots:	I'm wondering how much collective intelligence, including civic intelligence, is fundamentally a cognitive effort? There seem to be strong views on the visible, tangible aspects...
02:45:37	Rupert Wegerif:	Replying to "A chatbot can cultiv..."

		Indeed an inside and outside in dialogue - so a perspective on the whole only available because one is embodied in a biological sack but also in a culture?
02:45:45	Christine F:	Reacted to "I'm wondering how mu..." with 👍
02:45:53	Wendy Elford:	Might also be a social-emotional effort?
02:46:03	Margaret Bearman:	Thank you so much Doug!
02:46:11	Marc-Antoine Parent:	Replying to "A chatbot can cultiv..." Sounds right. Culture and community.
02:46:24	Marc-Antoine Parent:	Reacted to "Might also be a soci..." with 💯
02:46:30	Tim Fawns:	Reacted to "Indeed an inside and..." with 👍
02:46:37	Marc-Antoine Parent:	Reacted to "Thank you so much Do..." with 👍
02:46:41	Mohamad Faazeli:	Reacted to "@Rupert Wegerif the ..." with ❤️
02:46:48	Tim Fawns:	Reacted to "Thank you so much Do..." with 👍
02:47:04	Margaret Bearman:	Reacted to "Indeed an inside and..." with 👍
02:47:09	Simon Buckingham Shum:	As per Mark's talk, and now Doug's, educating for CI may challenge the constraints of traditional HE programs
02:47:17	Marc-Antoine Parent:	Reacted to "As per Mark's talk, ..." with 💯
02:47:27	Anna De Liddo:	Reacted to "As per Mark's talk, ..." with 👍
02:48:05	Douglas Schuler:	Reacted to "Evergreen College is..." with ❤️
02:48:35	Jack Park:	Caulfield on FedWiki in the Classroom https://hapgood.us/2014/12/21/helping-the-right-ideas-find-one-another-fedwiki-happening/
02:48:45	Sandris Zeivots:	Reacted to "Might also be a soci..." with 💯
02:49:11	Simon Buckingham Shum:	@Doug can you share the link to your Patterns — I think we need that sort of resource to provoke our thinking and help share practices
02:49:30	Anna De Liddo:	Replying to "I'm wondering how mu..." Me too! I am intrigued and somewhat scared by that. But yes, I agree. It might even be the case that complex thinking and interaction hamper the emergence of collective intelligence. So we need to look at simpler, visual, tangible interactions at scale…
02:49:37	Tim Fawns:	Fractal - nice metaphor (although not perfect because they don't look the same all the way through?)
02:49:37	Sam Schikowitz:	I'm working on a platform to scale collective intelligence to the global scale, ForBy.io
02:49:52	Sam Schikowitz:	We're going into beta next week.
02:50:30	Simon Buckingham Shum:	Great Sam - please drop that into the Gdoc list of CI platforms https://docs.google.com/document/d/1gStBqBwUUWC0VJ_BJ1R_0QtFQDy-j8jyZvoSMDt970w/edit?tab=t.0#heading=h.rpgy8aeuv0pj
02:50:41	Marc-Antoine Parent:	Replying to "I'm wondering how mu..." There are definitions of cognitive that are quite broad... and I would agree a lot is hidden or at least implicit. There is a case for leaving things implicit for a while (Nora Bateson aphanopoiesis) But eventually we have to become explicit for collective decisions and action
02:50:49	Tim Fawns:	Replying to "I'm wondering how mu..." .. the extent to which collective intelligence should be seen as a cognitive enterprise is a good question to ask
02:51:15	Jack Park:	Replying to "I'm working on a pla..." Put it in their googledoc
02:51:55	Marc-Antoine Parent:	Reacted to "I'm working on a pla..." with 🔥

02:53:24	Marc-Antoine Parent:	We need a federated knowledge base for that infrastructure! (Jack Park and I are working on this. Some work on hyperknowledge.org)
02:53:42	Christine F:	Reacted to "I'm working on a pla..." with 🔥
02:54:11	Simon Buckingham Shum:	There is nothing to stop an individual academic from engaging students with real world projects and partners — millions of courses offer this. So, is there something distinctive about CI that is stopping this from happening more?
02:54:56	Marc-Antoine Parent:	Replying to "There is nothing to ..." Among others, the fact that their work is not on a global map where the learning is integrated.
02:55:08	Marc-Antoine Parent:	Replying to "There is nothing to ..." Knowledge federation is key
02:56:08	Jack Park:	Replying to "There is nothing to ..." Perhaps, funding is an issue.
02:56:35	Marc-Antoine Parent:	Reacted to "Perhaps, funding is ..." with 👆
02:56:48	Anna De Liddo:	Reacted to "I'm wondering how mu..." with 👍
02:57:44	Christine F:	Reacted to "Knowledge federation..." with 💡
02:57:54	Marc-Antoine Parent:	Replying to "There is nothing to ..." The other issue is governance: decision processes are opaque, and we don't know whether a given contribution was considered, or why it was discarded.
02:58:39	Douglas Schuler:	Replying to "@Doug can you share ..." https://www.publicsphereproject.org/patterns/lv — one front end to LV patterns https://labs.publicsphereproject.org/ — front end to LV patterns https://labs.publicsphereproject.org/ambeta?version=ced — what type of activist are you?
02:58:55	Wendy Elford:	Replying to "There is nothing to ..." Funding was brought up as a barrier (and also raised as a constructive limit) in innovation yesterday in public sector - top person in Services Australia. A Sponsor with $ - even a little - makes big difference
02:59:19	Jon Dron:	Reacted to "https://www.publicsp..." with 👍
03:00:13	Simon Buckingham Shum:	Reacted to "https://www.publicsp..." with 👍
03:00:39	Wendy Elford:	Think global pact local - we need activities and thinking that allow embodied experience to bind the CI
03:00:41	Douglas Schuler:	Replying to "There is nothing to ..." a lot of classes are constrained to a very large degree. But, you're right that's not the only barrier to doing CI work
03:01:00	Wendy Elford:	Get tangible experience in parallel with social one
03:01:10	Rupert Wegerif:	Sounds like a good approach from Aldo - a bit related to our DEFI world of work scenarios https://www.deficambridge.org/wow-scenarios/ - trying to get industry support for this
03:01:28	Simon Knight:	Replying to "There is nothing to ..." If the q. is around why courses don't embed this more, and in a cross-institutional/open way, surely also fairly boring practical challenges: privacy, reputational risks (institutional, external org, students), intellectual property (students own their work), governance (getting a new platform into use is non-trivial), etc.
03:03:33	Jack Park:	Reacted to "Sounds like a good a..." with 👍
03:03:36	Wendy Elford:	@Marc-Antoine Parent might governance suffer from the rate of activity and parallel other activities limit capacity to allow CI to be embedded - cognitive and social overwhelm leads to shallow?

03:04:09	Marc-Antoine Parent:	@Wendy Elford correct, which is why deduplication and abstractive synthesis is primordial
03:04:34	Sandris Zeivots:	Replying to "I'm wondering how mu..." Agree it's tricky. Cognition might be a small part of collective intelligence, as many aspects of how CI emerges include uncertainty, ambiguity, affective, power, value-driven, and socio-political aspects. Making these elements more explicit could help understanding the complexities often left as secondary.
03:04:43	Wendy Elford:	Something here about the law of two feet - turn up and participate.
03:04:45	Marc-Antoine Parent:	Augmented collective intelligence is about iteration yes!
03:04:49	Jon Dron:	Reacted to "Agree it's tricky. C..." with 👍
03:04:54	Marc-Antoine Parent:	Reacted to "Something here about..." with 💯
03:05:03	Marc-Antoine Parent:	Reacted to "Agree it's tricky. C..." with 👍
03:05:31	Douglas Schuler:	Replying to "I'm working on a pla..." how does your "collective intelligence" platform promote the common good ("civic intelligence")? Wikipedia is an example of democratizing knowledge — but how does it actually promote the common good?
03:05:35	Marc-Antoine Parent:	And the trend is towards algorithmic governance, hence less transparency.
03:05:58	Simon Buckingham Shum:	I love powerful tools for CI, but politics/power can of course seek to undermine, or ignore what emerges from them. Deliberative Democracy has lessons on this
03:06:17	Marc-Antoine Parent:	Replying to "I'm working on a pla..." I think this is the discussion right now: decision factors are not visible and should be, as a democratic principle.
03:06:25	Marc-Antoine Parent:	Reacted to "I love powerful tool..." with 👆
03:06:40	Margaret Bearman:	Thanks Aldo
03:06:51	Marc-Antoine Parent:	Replying to "I love powerful tool..." Absolutely! But I think that making the tooling popular can create the political demand
03:08:03	Jack Park:	Replying to "Sounds like a good a..." WoW is ambiguous: draws google to the game. Not well explained at the site.
03:08:21	Marc-Antoine Parent:	Reacted to "Sounds like a good a..." with 👍
03:08:49	Sandris Zeivots:	Reacted to "https://www.publicsp..." with 👍
03:09:07	Vinod Ralh:	Reacted to "Sounds like a good a..." with 👏
03:11:27	Aldo de Moor:	Reacted to "important to disting..." with 👍
03:11:55	Douglas Schuler:	Replying to "We need a federated ..." We're also involved in developing infrastructure for pattern use and sharing. Are there ways to share back and forth with your system, via, say the ActivityPub protocol?
03:12:19	Douglas Schuler:	Replying to "We need a federated ..." https://labs.publicsphereproject.org/ps (Pattern Sphere)
03:13:02	Aldo de Moor:	Reacted to "if AIs are the only ..." with 👍
03:14:06	Douglas Schuler:	Replying to "I'm wondering how mu..." well, from my point of view, most collective intelligence is not cognitive — but that would depend on how it was defined.
03:14:13	Marc-Antoine Parent:	Replying to "We need a federated ..." Douglas would love to talk indeed! maparent@conversence.com
03:14:35	Anna De Liddo:	Reacted to "well, from my point ..." with 👍
03:14:41	Marc-Antoine Parent:	Reacted to "well, from my point ..." with 👍
03:14:50	Tim Fawns:	Reacted to "Agree it's tricky. C..." with 👍

03:14:55	Tim Fawns:	Reacted to "well, from my point ..." with 👍
03:15:05	Tim Fawns:	Replying to "I'm wondering how mu..." It being both CI and cognition
03:15:06	Simon Buckingham Shum:	Jon's paper: "We have been able to largely ignore education's fundamental role in tacit knowledge and value creation because, deriving solely from humans, it came for free. We can ignore it no longer."
03:15:34	Jack Park:	Replying to "We need a federated ..." @Douglas Schuler Let's talk - jackpark@topicquests and include @Marc-Antoine Parent and others. In the googledoc, I put a link to a debategraph where we can expose artifacts, ideas, and structured conversations on this space.
03:16:03	Kamakshi Rajagopal:	Reacted to "Jon's paper: "We hav..." with 👍
03:16:28	Marc-Antoine Parent:	Replying to "Jon's paper: "We hav..." It's been ignored because it's part of the lifeworld, not the explicit system (in Weber's terms)
03:16:30	Cassandra Colvin:	Reacted to Jon's paper: "We hav... with "👍"
03:16:31	Marc-Antoine Parent:	Reacted to "Jon's paper: "We hav..." with 👍
03:16:53	Aldo de Moor:	Reacted to "Subversive Intellige..." with 👍
03:17:05	Marc-Antoine Parent:	Old fashioned mentorship in guilds?
03:17:09	sylvia:	Reacted to "Jon's paper: "We hav..." with 👍
03:17:49	Sandris Zeivots:	Reacted to "well, from my point ..." with 👍
03:18:14	Sandris Zeivots:	Reacted to "It being both CI and..." with 👍
03:18:29	Aldo de Moor:	Reacted to "For me, the call to ..." with ❤️
03:18:31	Douglas Schuler:	I love Aldo's idea about the big student research project! My mostly thought experiment on a Citizen's Parliament is relevant I think. https://dl.acm.org/doi/abs/10.1145/2451856.2451867?download=true
03:18:42	Sandris Zeivots:	Reacted to "Jon's paper: "We hav..." with 👍
03:19:53	Jack Park:	Reacted to "I love Aldo's idea a..." with 👍
03:20:19	Marc-Antoine Parent:	Reacted to "I love Aldo's idea a..." with 👍
03:20:51	Aldo de Moor:	Reacted to "If we aren't talking..." with ❤️
03:21:45	Aldo de Moor:	Reacted to "CI works better than..." with 👍
03:22:13	Simon Buckingham Shum:	Replying to "I love Aldo's idea a..." Doug…on Deliberative Democracy, this was a project we did: Swist, T., Buckingham Shum, S., & Gulson, K. N. (2024). Co-producing AIED Ethics Under Lockdown: An Empirical Study of Deliberative Democracy in Action. International Journal of Artificial Intelligence in Education, Online 27 Feb. 2024. https://doi.org/10.1007/s40593-023-00380-z
03:22:22	Douglas Schuler:	Reacted to "We're going into bet..." with 👍
03:23:49	Jack Park:	Dunbar modified that way down in recent pubs.
03:24:02	Aldo de Moor:	Reacted to "I actually think int..." with 👍
03:24:10	Aldo de Moor:	Reacted to "I posit that most pe..." with 👍
03:24:13	Simon Buckingham Shum:	Got a reference to that Jack?
03:24:14	Marc-Antoine Parent:	Rupert I agree fully we need new communication technology for large-scale CI... and maybe a new approach to language!
03:24:42	Douglas Schuler:	Replying to "I'm working on a pla..." could you define or give me an example of a decision factor?
03:25:19	Douglas Schuler:	Reacted to "Doug…on Deliberative..." with 👍
03:25:32	Aldo de Moor:	Reacted to "many collective proc..." with 👍

03:26:05	Tim Fawns:	can't unmute
03:26:16	Aldo de Moor:	Reacted to "Unfortunately not al..." with 👍
03:26:29	Marc-Antoine Parent:	If I may: the "good, quick or cheap" constraint triangle. Each axis is a decision factor, and the way you balance them is another.
03:27:28	Rupert Wegerif:	I like this programme into collective dialogue: https://generation.global/ I think that with social media designed for dialogic pedagogy supported by AI we could try to create a larger human identity -
03:27:49	Jon Dron:	Reacted to "I like this programm..." with 👍
03:28:11	Jack Park:	@Tim Fawns Sonny Bhatia did some work with LLMs for augmenting student evaluation.
03:28:50	Aldo de Moor:	Reacted to "The other issue is g..." with 👍
03:31:49	Wendy Elford:	Thinking 'with' and entangled - 100% agree
03:32:03	Marc-Antoine Parent:	Latour on socio-technical embedding
03:32:30	Aldo de Moor:	Replying to "There is nothing to ..."
		Simon, I would turn it around: it's not so much that it is harder to reaching outside of the education box in CI - CI can and should actually be instrumental in weaving the usual "individual academic from engaging students with real world projects and partners"-micro projects into larger collective action and impact frameworks - hence we need to go meta, see/map the larger societal contexts in which these individual efforts can take root and continue growing
03:32:48	Jon Dron:	Tim disagrees but i really like Ted Nelson's term, intertwingled. We are all intertwingled with one another and the technologies in which we participate and create.
03:33:14	Marc-Antoine Parent:	Reacted to "Tim disagrees but i ..." with ✅
03:33:29	Jack Park:	Reacted to "Tim disagrees but i ..." with 🐵
03:33:40	Aldo de Moor:	Replying to "There is nothing to ..."
		The governance issues mentioned by @Marc-Antoine Parent are an important piece of that societal weaving puzzle
03:33:53	Christine F:	Reacted to "Tim disagrees but i ..." with 🌐
03:34:15	Aldo de Moor:	Reacted to "Thanks Aldo" with 👍
03:34:21	Aldo de Moor:	Reacted to "Augmented collective..." with 👍
03:34:28	Aldo de Moor:	Reacted to "I love powerful tool..." with 👍
03:34:56	Aldo de Moor:	Reacted to "Sounds like a good a..." with 👍
03:35:24	Aldo de Moor:	Replying to "Sounds like a good a..."
		@Rupert Wegerif Looks interesting, will have a closer look.
03:36:42	Douglas Schuler:	Replying to "I'm working on a pla..."
		I think I get it. And you'd bring one or more these to bear when making a decision, e.g. when designing something.
03:36:42	Vinod Ralh:	Unsplash master!
03:36:55	Tim Fawns:	Reacted to "Unsplash master!" with 😊
03:37:07	Juan Munoz:	Great presentation. Thanks Tim
03:37:08	Jack Park:	Reacted to "Unsplash master!" with 🐵
03:37:43	Jon Dron:	Very hard to disagree with any of that lovely presentation, @Tim Fawns
03:37:45	Marc-Antoine Parent:	Anna: we are sharing ideas. Disagree?
03:38:56	Marc-Antoine Parent:	Unclear how to me this idea of complementarity precludes negative impact, though...
03:39:10	Aldo de Moor:	Reacted to "I love Aldo's idea a..." with 👍
03:39:50	Marc-Antoine Parent:	Reacted to "Unsplash master!" with 🐵
03:40:48	Mohamad Faazeli:	Reacted to "I like this programm..." with 👍
03:41:24	Marc-Antoine Parent:	(Eg of social media)

03:42:12	Wendy Elford:	Mary Graham - Indigenous academic - talks about autonomous regard - being individual in parallel with AND regard for other
03:42:17	Rupert Wegerif:	I think Tim talked about a kind of dialogue of humans and technology in design of pedagogy which sounds fine but I find it hard to see how this works in practice - I say that sort of thing but do not know how to do it - examples would be good
03:42:26	Simon Buckingham Shum:	Reacted to "Mary Graham - Indige..." with 👍
03:42:43	Marc-Antoine Parent:	Yes, worth reading Audrey Watters on history of EdTech
03:42:43	Margaret Bearman:	I think Tim means this is what we already do - if I can speak on behalf of Tim
03:43:03	Joanna Tai:	hmm I think offload implies something about responsibility as well - whereas 'delegate' still implies some control/connection?
03:43:16	Margaret Bearman:	Good morning JO!
03:43:43	Marc-Antoine Parent:	Yes. In particular, power dynamics matter.
03:44:33	Margaret Bearman:	Excitingly Tim, I think we are starting to learn...
03:44:40	Maka Eradze:	The conference has truly exceeded my expectations! Congratulations to the presenters and the organisers and thank you so much.
03:45:01	Joanna Tai:	Reacted to "Good morning JO!" with 👋
03:45:05	Tim Fawns:	Reacted to "Excitingly Tim, I th..." with 👍
03:45:41	Marc-Antoine Parent:	Replying to "Yes, worth reading A..."
		http://teachingmachin.es
03:45:51	Kamakshi Rajagopal:	Reacted to "hmm I think offload ..." with 👍
03:45:51	Tim Fawns:	Reacted to "Yes, worth reading A..." with 👍
03:46:03	Jon Dron:	Reacted to "The conference has t..." with ❤️
03:46:21	Tim Fawns:	Replying to "I think Tim talked a..."
		At one level, you can never NOT do this. So I'm advocating we be more thoughtful about how we do it.
03:46:42	Tim Fawns:	Reacted to "I think Tim means th..." with 👍
03:46:49	Marc-Antoine Parent:	Reacted to "At one level, you ca..." with 👍
03:46:57	Tim Fawns:	Reacted to "The conference has t..." with ❤️
03:47:05	Tim Fawns:	Reacted to "Yes. In particular, ..." with 👍
03:47:13	Beatrix Ivannovita- Dutch interpreter:	Thank you so much for this informative conference. What a fabulous learning event which truly expands my horizons. I am looking forward to the coming event. Greetings from Bali.
03:47:18	Jack Park:	Reacted to "At one level, you ca..." with 👍
03:47:21	Sandris Zeivots:	Reacted to "At one level, you ca..." with 👍
03:48:02	Jon Dron:	Sometimes (often) we do less than the sum of the parts when we participate in collectives - mobs, say, or surprising election successes in democratic societies.
03:48:46	sylvia:	Reacted to "At one level, you ca..." with 👍
03:48:53	Tim Fawns:	Replying to "(Eg of social media)"
		It doesn't preclude it. It's just that social media doesn't replace our existing cognitive processes, rather, the different elements work together/negotiate such that each element contributes differently. For better or worse.
03:49:27	Marc-Antoine Parent:	Replying to "Sometimes (often) we..."
		Very much so. Shared goal and iteration as preconditions of collective intelligence. (Probably not the only ones)
03:49:46	Jon Dron:	Replying to "Sometimes (often) we..."
		and movements of, say, money markets are no more intelligent in aggregate than termite mounds (that are, in fairness, quite smart,

		but the intelligence is in the algorithm and presentation, not the parts)
03:49:58	Marc-Antoine Parent:	Replying to "(Eg of social media)" Makes a lot of sense, thank you.
03:50:04	Tim Fawns:	Reacted to "Makes a lot of sense..." with 👍
03:50:28	Tim Fawns:	Reacted to "and movements of, sa..." with 👍
03:50:43	Joanna Tai:	Reacted to "Sometimes (often) we..." with 💡
03:50:46	Marc-Antoine Parent:	Reacted to "and movements of, sa..." with 👍
03:50:56	Juan Munoz:	Reacted to "It doesn't preclude ..." with 👍
03:51:18	Marc-Antoine Parent:	Replying to "Sometimes (often) we..." Yes. Wisdom of crowds (aggregation) can be good at guessing, but not really what I call CI
03:52:22	Jon Dron:	Replying to "Sometimes (often) we..." I think wisdom of crowds is a very pure form of CI - it's close to the generic ochlotectural form
03:52:48	Marc-Antoine Parent:	@Margaret Bearman Thanks for those references! I was a fan of Crozier/Friedberg on those issues. (Also Hirschorn)
03:53:07	Hyunmin Lee:	I found it incredibly inspiring that the discussions at this conference were approached from a human-centered perspective rather than a technology-driven one. Even in the age of AI, I wholeheartedly agree that human free will and socio-cultural contexts should take precedence in the realization of collective intelligence. Thank you for such an excellent conference!
03:53:14	Marc-Antoine Parent:	Replying to "Sometimes (often) we..." It is a form, yes, but I'm more interested in the dialogic forms
03:53:31	Marc-Antoine Parent:	Reacted to "I found it incredibl..." with 🔥
03:53:31	Tim Fawns:	Intentionality seems like an important concept here. Doing collective intelligence work without necessarily being intentional about it but just... emergent>
03:53:35	Beth:	Reacted to "I found it incredibl..." with 👍
03:53:42	Jack Park:	Reacted to "I found it incredibl..." with 💯
03:53:43	Christine F:	Reacted to "Intentionality seems..." with 👍
03:54:26	Joanna Tai:	Replying to "Intentionality seems..." this is where learning comes in - to transform from unintentional to intentional?
03:54:33	Marc-Antoine Parent:	Replying to "Sometimes (often) we..." Because consent to the action matters... and that requires explainability
03:54:39	Jon Dron:	Replying to "Sometimes (often) we..." in many if not all human social systems it is a combination of both - that's why I think we need a clearer language for distinguishing the different structures, processes, and forms that contribute to collective behaviour
03:54:50	Tim Fawns:	Replying to "Intentionality seems..." But not necessarily? We can learn through practice without being intentional about it?
03:55:19	Marc-Antoine Parent:	Reacted to "this is where learni..." with 👍
03:55:26	Joanna Tai:	Replying to "Intentionality seems..." (yes, my afterthought was that practice views would suggest that it's not just about intentionality ... as I picked up my crochet again 😅)
03:56:18	Marc-Antoine Parent:	Replying to "Intentionality seems..." Hmm... I agree, but I would say that the step of integrating learning into updated practice is usually intentional, no?

03:56:22	Joanna Tai:	Replying to "Intentionality seems..."
		(and also - thinking about beyond the cognitive lofty goals to the swampy lowlands of emotions, feelings, embodied exhaustion...)
03:56:28	Tim Fawns:	Replying to "Tim disagrees but i ..."
		Do I disagree? I think I just need to find out more about it.
03:57:18	Tim Fawns:	Reacted to "(yes, my afterthough..." with 😂
03:57:34	Vinod Ralh:	Simulation based learning - very interesting!
03:58:03	Rupert Wegerif:	I do like the focus on simulation - I would like to learn more about how to use simulations effectively to support ed into ci
03:59:02	Wendy Elford:	Thanks so much - have to go now. Coming back for more.
03:59:03	Marc-Antoine Parent:	Simulations as a generalization of play, which is embodied learning.
03:59:40	Marc-Antoine Parent:	And yes, question is how to bring those simulation-based learning back to the (larger) collective?
04:00:12	Rupert Wegerif:	I guess each simulation - and each community of practice - is itself a kind of tool to support collective thinking and thoughtful action. Good point to make. Practices as artefacts
04:00:16	Jon Dron:	Replying to "Tim disagrees but i ..."
		https://archive.org/details/computer-lib-dream-machines
04:00:23	Marc-Antoine Parent:	Reacted to "I guess each simulat..." with 💯
04:00:36	Jack Park:	Reacted to "https://archive.org/..." with 👍
04:01:12	Marc-Antoine Parent:	Reacted to "https://archive.org/..." with 👍
04:01:24	Sandris Zeivots:	Margaret, any ideas on how embodied and affective nuances can be integrated in how we think about CI?
04:01:56	Jon Dron:	Reacted to "I guess each simulat..." with 👍
04:02:04	Simon Buckingham Shum:	A final reminder you can post a question via the Q&A button for the final reflection session
04:02:28	Sandris Zeivots:	Sorry Simon - the chat is more inviting
04:02:47	Tim Fawns:	Reacted to "https://archive.org/..." with 👍
04:04:04	Marc-Antoine Parent:	Collective affect and collective action
04:04:25	Rupert Wegerif:	Collective affect - sure - but emotions can be more or less intelligence and can be educated?
04:04:42	Tim Fawns: https://www.taylorfrancis.com/chapters/edit/10.4324/9781315159591-10/shared-remembering-distributed-affect-john-Sutton		
		Shared Remembering and Distributed Affect Varieties of Psychological Interdependence By John Sutton
04:05:14	Margaret Bearman:	@Rupert Wegerif I am feeling that they are a little uneducatable but we can learn to work with them in different ways...
04:05:18	Tim Fawns:	Replying to "https://www.taylorfr..."
		Just bringing in some moves from the other direction towards collective affect
04:05:24	Jon Dron:	mobs are the result of collective cognition, as much as anything we would describe as "intelligent" - this is why I prefer to talk about collectives rather than CI
04:05:42	Marc-Antoine Parent:	Reacted to "Collective affect - ..." with 👍
04:05:47	Joanna Tai:	Replying to "Collective affect - ..."
		Pekrun would say there are cognitive roads into emotion through considering perceived value and autonomy?
04:06:35	Margaret Bearman:	Replying to "Collective affect - ..."
		But Pekrun doesn't distinguish between emotion and affect - I munched them together … emotion is as annoying to define as intelligence

04:06:58	ImogenCasebourne:	Are attempts to do value work and identify shared values at the start of collective projects an attempt to work with collective affect?
04:06:59	Joanna Tai:	Replying to "Collective affect - ..." I decided to apply it directly to affect - but in a collective sense, might be learning about rationales and relationships to others might modify affect
04:07:02	Marc-Antoine Parent:	Replying to "mobs are the result ..." I agree it's all collective cognition, but not all collective intelligence... which I see as deliberated
04:07:15	Marc-Antoine Parent:	Replying to "mobs are the result ..." You can have cognition w/o learning, for example
04:07:33	Douglas Schuler:	An integrated set of processes that enable a collection of agents to act in ways that are appropriate to their goals and to the environment that it perceives and acts within.
04:08:01	Beatrix Ivannovita- Dutch interpreter:	Thanks to all presenters for sharing their knowledge and expertise. I've got to leave. Have a blessed weekend ahead.
04:08:08	Tim Fawns:	Reacted to "Thanks to all presen..." with 👍
04:08:20	Douglas Schuler:	why do we have to use the term "emergent"? I'd drop it.
04:08:29	Margaret Bearman:	@Margaret, coming from the critical post-humanist position, does CI make allowance for animal, plant and, dare I suggest, mineral intelligence/sentience or perhaps 'awareness'? This question has been answered live
04:08:43	Margaret Bearman:	popped in from Q & A -
04:09:01	Tim Fawns:	Here is the reference I mentioned on complementarity: John Sutton. Exograms and interdisciplinarity: history, the extended mind, and the civilizing process. In Richard Menary (Ed.), The Extended Mind (pp. 189-225). Cambridge, MA: MIT Press.
04:09:14	Juan Munoz:	Reacted to "Here is the referenc..." with 👍
04:09:18	Douglas Schuler:	I also wouldn't use the term "solve"
04:09:28	Aldo de Moor:	Reacted to "Thanks to all presen..." with 👍
04:09:51	Margaret Bearman:	Replying to "@Margaret, coming fr..." I think it does not take a strongly post human perspective - I think materiality is backgrounded in general.
04:09:56	Marc-Antoine Parent:	Not all emergence is good!
04:10:28	Tim Fawns:	Reacted to "Not all emergence is..." with 👍
04:10:31	Douglas Schuler:	The definition I used can readily include animal, trees, etc.
04:10:41	Marc-Antoine Parent:	Reacted to "The definition I use..." with 👍
04:10:53	Marc-Antoine Parent:	Reacted to "The definition I use..." with 💯
04:11:02	Tim Fawns:	Reacted to "The definition I use..." with 👍
04:11:10	Douglas Schuler:	the intelligent part includes: learning, perceiving, etc
04:11:25	Sandris Zeivots:	Wouldn't emergence imply that things/stuff are not static, but evolving/always changing?
04:11:32	Tim Fawns:	Is intelligence a useful concept?
04:11:49	David Yeats:	Replying to "@Margaret, coming fr..." Thanks Margaret, how does workplace learning bring that more to the foreground?
04:11:51	Marc-Antoine Parent:	I especially think of CI in the context of governance and democracy; in which case the explicitness matters, and emergence is not enough.
04:12:33	Tim Fawns:	Replying to "I especially think o..." You can shape in a relational way but it will still always be emergent.

04:12:45	Marc-Antoine Parent:	Right now, self-destruction is emerging, and not corresponding to collective intention. That disconnect is a product of emergence.
04:12:57	Marc-Antoine Parent:	But not of collective intelligence
04:13:49	Margaret Bearman:	Replying to "@Margaret, coming fr..."
		so, materiality in that literature shapes the practice (the organising principle). The tailor works with fabric. The ICU is often organised in pods - these things are woven into the fabric of learning because materiality is always in present.
04:13:58	Simon Buckingham Shum:	I think we can shape the quality of the CI through design, but not the outcome
04:14:09	Sandris Zeivots:	Reacted to "I think we can shape..." with 👍
04:14:12	Christine F:	Reacted to "I think we can shape..." with 💡
04:14:25	Marc-Antoine Parent:	i.e. Is it collective intelligence going wrong or collective cognition+action not being based in adequate collective intelligence? (I think both are arguable, but I favour the latter)
04:14:30	Marc-Antoine Parent:	Reacted to "I think we can shape..." with 👍
04:14:37	Aldo de Moor:	Reacted to "I think we can shape..." with 💯
04:15:00	Juan Munoz:	Reacted to "I think we can shape..." with 👍
04:15:04	Jon Dron:	intelligence is relative to where you set the boundaries for the entity you are claiming to be intelligent
04:15:11	Tim Fawns:	Replying to "But not of collectiv..."
		Maybe it's an emergence produced through the negotiation of multiple collective intelligences?
04:15:16	Margaret Bearman:	I think definitions of intelligence have been strongly influenced by the concept of 'artificial intelligence'
04:15:21	ImogenCasebourne:	This book considers the question - The measure of all minds: Evaluating natural and artificial intelligence.
04:15:33	Christine F:	interesting thoughts here on diverse intelligences
		https://www.templetonworldcharity.org/our-priorities/discovery/diverse-intelligences
04:15:43	Simon Buckingham Shum:	Back to seeking the Common Good — but of course we don't all agree on what that means
04:15:48	Marc-Antoine Parent:	Replying to "But not of collectiv..."
		Ha! Sure! But is that negotiation CI or mere emergence?
04:15:49	Tim Fawns:	Reacted to "intelligence is rela..." with 👍
04:15:54	Margaret Bearman:	In our attempts to replicate intelligence we have come to a different point...
04:16:07	Marc-Antoine Parent:	Replying to "But not of collectiv..."
		I.e how much reflexivity was involved?
04:16:12	Jon Dron:	I love that reading of Skinner, @Rupert Wegerif
04:16:13	Margaret Bearman:	Replying to "Back to seeking the ..."
		I agree Simon, this is something that perhaps is more important than we might think
04:16:29	Tim Fawns:	Replying to "But not of collectiv..."
		Great question....?...?...
04:16:44	Anna De Liddo:	Reacted to "Back to seeking the ..." with 👍
04:17:10	Aldo de Moor:	We haven't really talked about the "Collective Intelligence for the Common Good" (Civic Intelligence being a part of that) field building focus that we worked on years ago. Shouldn't we stress that scope more explicitly, especially in educational applications of CI?
04:17:19	Douglas Schuler:	is 2 + 2 = 4, emergent?
04:17:29	Marc-Antoine Parent:	Reacted to " We haven't really t..." with 🔥

04:17:45	Rupert Wegerif:	BF Skinner Walden II - surprisingly interesting - collective self programming ie in this case use our limited freedom to design contexts that can support greater freedom in the future - is this not the role of education?
04:18:10	Christine F:	https://www.humanflourishing.org/
04:18:17	Jon Dron:	Reacted to "BF Skinner Walden II..." with 👍
04:18:22	Marc-Antoine Parent:	Replying to "is 2 + 2 = 4, emerge..." I would say it is derived from axioms and rules of inference. Those have arisen from embodied interactions, and shared in an emergent/discursive process (so yes)
04:18:32	Tim Fawns:	Replying to "is 2 + 2 = 4, emerge..." Depends on your epistemology?😄
04:18:49	Sandris Zeivots:	Replying to "is 2 + 2 = 4, emerge..." is 2 + 2 = 4, emergent? It was long time coming, but 1+1=3 came/emerged to mean something else
04:18:52	Marc-Antoine Parent:	Replying to "is 2 + 2 = 4, emerge..." intuitionist+formalist in maths ;-)
04:19:06	Rupert Wegerif:	When we teach values like listening with respect and intellectual humility we are preparing the automatic habits the might support a better dialogic decision making process in the future
04:19:17	Marc-Antoine Parent:	Replying to "is 2 + 2 = 4, emerge..." @Sandris Zeivots yes, another emergent axiomatics!
04:19:23	Margaret Bearman:	Reacted to "When we teach values..." with 👍
04:19:32	Marc-Antoine Parent:	Reacted to "When we teach values..." with 👍
04:19:33	Simon Buckingham Shum:	https://www.johnehrenfeld.com/ book "The right way to Flourish" — why he no longer talks about sustainability
04:20:00	Douglas Schuler:	Due to my cold, I'm not sure but did a recent speaker say that "intelligence" is always motivated by "good", however misguided?
04:20:04	Juan Munoz:	Reacted to " We haven't really t..." with 🔥
04:20:16	Jon Dron:	Replying to "BF Skinner Walden II..." if you create an ocean then what evolves will be something like fish. Build a mountain, it may be more like mountain goats. What kind of environment will result in better education (and what does "better" mean?)
04:20:18	Jack Park:	Reacted to "When we teach values..." with 👍
04:20:37	Simon Buckingham Shum:	I'm keen to get people's reflections on the educational angles…
04:20:56	Juan Munoz:	Reacted to "BF Skinner Walden II..." with 👍
04:21:08	Marc-Antoine Parent:	Replying to "Due to my cold, I'm ..." I hope not! But I would argue that thinking in terms of the common good is a result of an application of intelligence... unfortunately not a necessary conclusion
04:21:31	Tim Fawns:	Reacted to "if you create an oce..." with ❤️
04:21:34	Christine F:	Reacted to "https://www.johnehre..." with 🪩
04:21:55	Marc-Antoine Parent:	Replying to "BF Skinner Walden II..." A sea of knowledge! (Back to knowledge federation) AND communities of shared practice
04:22:07	David Yeats:	Replying to "@Margaret, coming fr..." I can see that materiality can be woven into learning, but does that allow learners to acknowledge the potential awareness of material? I'm thinking mainly of the work coming out of Indigenous Knowledge Systems Lab.

04:22:20	Tim Fawns:	Education - the main thing I think we need to do is to create much more open space for collective exploration and negotiation. Who's with me?
04:22:42	Juan Munoz:	Reacted to "Depends on your epis..." with 😂
04:22:45	Marc-Antoine Parent:	sensemaking in communities as an antidote to aporia
04:23:05	Sandris Zeivots:	Reacted to "sensemaking in commu..." with 👍
04:23:38	Aldo de Moor:	Reacted to "Education - the main..." with 👍
04:23:39	Jon Dron:	Replying to "Due to my cold, I'm ..."
		the question is good for whom? Facebook is good for Zuckerberg, and Trumpism is good for Trump. But it gets way more complex when we think of what is good for one society/culture/demographic/etc because that may not be the same as what is good for another (and who decides?)
04:23:40	Anna De Liddo:	Replying to " We haven't really t..."
		After this symposium it seems obvious to me that we should do this. I do not know what to call it, it could be collective wisdom (as Rupert suggested) or collective intelligence for the common good (as Doug and Aldo suggest), I am not sure. But surely we must distinguish the goal of studying, designing, activating and changing systems to enable processes and outcomes that are collectively (not individually!) positive. Where by collectively we mean humans, animals and the environment.
04:23:50	Anna De Liddo:	Reacted to " We haven't really t..." with 🔥
04:23:54	Tim Fawns:	Hope is a crucial ingredient in education IMO
04:23:56	Colin Beer:	Reacted to "Education - the main..." with 👍
04:24:02	Sandris Zeivots:	Reacted to "Education - the main..." with 👍
04:24:14	Mohamad Faazeli:	Nihilism
		By Nolen Gertz
04:24:31	Marc-Antoine Parent:	Replying to "Due to my cold, I'm ..."
		True. Hence emphasis on common good, I.e. largest community.
04:24:36	Christine F:	Replying to "Education - the main..."
		Creative expression driven by the desire to articulate meaningful vales that have the potential to endure.
04:24:45	Tim Fawns:	Reacted to "the question is good..." with 👍
04:24:56	Marc-Antoine Parent:	Reacted to "After this symposium..." with 🔥
04:25:05	Douglas Schuler:	Replying to "Due to my cold, I'm ..."
		civic intelligence means working equitably and effectively towards what we think are positive goals?
04:25:06	Marc-Antoine Parent:	Reacted to "Hope is a crucial in..." with 💯
04:25:17	Marc-Antoine Parent:	Reacted to "civic intelligence m..." with 👍
04:25:21	Jon Dron:	Replying to "I'm keen to get peop..."
		many layers - education for understand complex systems, use/shaping of complex systems, and much more.
04:25:39	Vinod Ralh:	Well done. Thought provoking!
04:25:41	Aldo de Moor:	It's 12:30 am in continental Europe 😉
04:25:54	Marc-Antoine Parent:	Reacted to "many layers - educat..." with 💯
04:25:59	Margaret Bearman:	so nice
04:26:04	Margaret Bearman:	Aldo you deserve a medal
04:26:14	Aldo de Moor:	Reacted to "Aldo you deserve a m..." with 😄
04:26:20	Jack Park:	Reacted to "Aldo you deserve a m..." with 🐵
04:26:22	Juan Munoz:	Reacted to "It's 12:30 am in con..." with 😮
04:26:27	Marc-Antoine Parent:	Reacted to "Aldo you deserve a m..." with 😄
04:26:30	Tim Fawns:	Reacted to "Aldo you deserve a m..." with 👍
04:27:03	Jon Dron:	Replying to "Hope is a crucial in..."

		impossible without it
04:27:18	Tim Fawns:	Reacted to "impossible without i..." with 👍
04:27:26	Margaret Bearman:	Reacted to "Hope is a crucial in..." with 👍
04:27:31	Margaret Bearman:	Reacted to "impossible without i..." with 👍
04:27:35	Marc-Antoine Parent:	Reacted to "impossible without i..." with 👍
04:27:44	Tim Fawns:	Can we save the chat somewhere - so rich
04:27:57	David Yeats:	Thank you @Simon and all for your work and for the discussions today.
04:27:58	Colin Beer:	Thank you all for a fascinating and thought-provoking symposium. Very much appreciated 🙂
04:28:05	Jon Dron:	Reacted to "Can we save the chat..." with 👍🏻
04:28:20	Tim Fawns:	Reacted to "Thank you all for a ..." with 👍
04:28:21	Jack Park:	Thank you 💯
04:28:26	Juan Munoz:	Thanks so much everyone! Great Symposium :)
04:28:32	Marc-Antoine Parent:	Reacted to "Thanks so much every..." with 💯
04:28:36	Marc-Antoine Parent:	Reacted to "Thank you 💯" with 👍
04:29:02	Marc-Antoine Parent:	Yes! We need to apply CI to CI communities of research!!!
04:29:02	Christine F:	My thoughts on educating in adult workplace settings (including cooperatives): Planning to try more creative interactions with the intent to articulate meaningful human vales, that cycle back into the community, informing actions, decisions, plans, engagements.
04:29:03	Jack Park:	Parallel efforts need federation
04:29:11	Tim Fawns:	Replying to "Thank you all for a ..." Hi Colin and thanks for your great work
04:29:14	Douglas Schuler:	what types of sub-groups might this field propose?
04:29:21	Kamakshi Rajagopal:	Thank you so much for this thought-provoking, ideas-sparking conference! Hope to continue the conversation with all of you!
04:29:43	Douglas Schuler:	Reacted to "My thoughts on educa..." with 👍
04:29:58	Jon Dron:	I think we have been working in different fields and this is the place where we realize we've been in the same field all along, just in different parts of it
04:30:12	Douglas Schuler:	Reacted to "Aldo you deserve a m..." with 👍
04:30:29	0100373s:	Yes, great idea
04:30:42	Marc-Antoine Parent:	Reacted to "I think we have been..." with 💯
04:30:48	Margaret Bearman:	fabulous!
04:30:48	Aldo de Moor:	Reacted to "I think we have been..." with 👍
04:30:53	Tim Fawns:	Reacted to "I think we have been..." with 👍
04:30:56	Marc-Antoine Parent:	Reacted to "I think we have been..." with 🔥
04:30:57	Mark O'Connor:	A 2 cents from me, learning tech perspective: Leaders are not always as visionary as Simon and others here e.g. Just had an election here in Ireland – we're locked into same ould for 5 years Legacy – the challenge of pushing through changes through the system Many leaders around now began in the 70's / 80's Present company excluded of course – many haven't moved with the times In any system, be it educational or public, at the mercy of the bottlenecks, awaiting for new minds to take charge. A challenge. Disruption can be a force for good COVID force fed many technologies on semi-willing academics – wasn't that hard ChatGPT – major disruptor – Have we found a solution around assessment to meet this? Tbc.

		find me here - https://x.com/mmppoconnor
		https://linkedin.com/in/markpoconnor/
		Le grá to Gadigal land from Éire, Mark.
04:31:14	Christine F:	Reacted to "A 2 cents from me, I..." with 👍
04:31:16	Fabian Held:	Thank you all, this has been a fascinating introduction to this very rich field. Looking forward to finding a way of collaborating in the future - I'm working in the swamps of workplace / simulation learning as well
04:31:21	Aldo de Moor:	Thanks so much all, great crowd!
04:31:22	ImogenCasebourne:	Thank you - very inspiring
04:31:29	Mohamad Faazeli:	thank you