

Innochat

Presentation and interaction innovations

Times shown in: [Eastern Daylight Time](#) and [Coordinated Universal Time](#)

Between **2017 Aug 10 11:45** and **2017 Aug 10 13:15**
8 people sent 117 messages containing #innochat

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11:48:57 15:48:57	John W Lewis @JohnWLewis		Our #innochat starts in less than 15 mins, who's in? @DreaVilleneuve @JKatzaman @kimflum @quickmuse @Carol_Stephen https://t.co/ldQ6wPKiCF
11:53:31 15:53:31	John W Lewis @JohnWLewis		Wow! On our #innochat (starting in <10 mins) subject of innovations in interaction, this is amazing! -> https://t.co/R9Cwcw5u8e
11:59:38 15:59:38	Renee Hopkins @Renee_Hopkins		.@JohnWLewis Will miss today's #innochat, but I applaud your cool topic! Have you read Google Glass has been reborn as a workplace tool?
12:00:27 16:00:27	John W Lewis @JohnWLewis		Welcome to #innochat!
12:02:18 16:02:18	John W Lewis @JohnWLewis		@Renee_Hopkins We'll miss you, Renee. I'd seen something on it. Diffusion from professional to personal application... https://t.co/Qx0903nQ6i
12:03:28 16:03:28	John W Lewis @JohnWLewis		During this #innochat, let's discuss whatever interests you from AR to Siri (and similar) and anything else presentational or interactive!
12:04:14 16:04:14	Carol Stephen @Carol_Stephen		MT @JohnWLewis: Join us for #innochat NOW. This week's topic "Presentation and interaction innovations" Framing: https://t.co/gtoKoiCoVD
12:04:15 16:04:15	John W Lewis @JohnWLewis		The short framing of this #innochat topic, "Presentation and interaction innovations", is here: https://t.co/fvymjxLZIV
12:05:35 16:05:35	John W Lewis @JohnWLewis		@Carol_Stephen Hi Carol, Great to see you you, again! This is such a wide topic, that I'm curious to see what interests everyone. #innochat
12:06:13 16:06:13	Carol Stephen @Carol_Stephen		@JohnWLewis Yes, very wide! #innochat
12:06:23 16:06:23	John W Lewis @JohnWLewis		As mentioned in the #innochat framing, our friends over at #smchat discussed AR devices recently.
12:08:35 16:08:35	John W Lewis @JohnWLewis		@Carol_Stephen And our experience of using devices/systems is very dependent on how they interact, even if their in... https://t.co/N3gyKKKEjv
12:09:26 16:09:26	Lou Hayes, Jr. @LouHayesJr		#AR & #IoT products highlight fresh challenges to law enforcement, i.e. #privacy via US Constitution #4A. #innochat
12:09:41 16:09:41	Carol Stephen @Carol_Stephen		@JohnWLewis Yep! And our experience of using devices/systems is very dependent on how they interact, even if their... https://t.co/QUUXtpuI5b
12:10:12 16:10:12	John W Lewis @JohnWLewis		Did you see the Zooids video a little earlier? #innochat https://t.co/R9Cwcw5u8e
12:11:28 16:11:28	Lou Hayes, Jr. @LouHayesJr		#AI #AR #iot are outpacing how society compares #tech to ethics & law --> https://t.co/oHQ6niGoBs #innochat
12:11:34 16:11:34	John W Lewis @JohnWLewis		As mentioned by @Renee_Hopkins just now, the workplace applications of innovations are leading the way in this area. #innochat

12:12:12 16:12:12	John W Lewis @JohnWLewis		@LouHayesJr Hi Lou. Welcome to #innochat! Just looking at that link now.
12:13:21 16:13:21	John W Lewis @JohnWLewis		@LouHayesJr Ah yes, the legal and ethical ramifications of some forms of interaction have yet to be understood. #innochat
12:13:32 16:13:32	Brenda Young @4byoung		Popping in late to see what the Innocats are up to. #innochat
12:13:40 16:13:40	Carol Stephen @Carol_Stephen		@LouHayesJr And think about airport security and what issues they'll have screening people. #innochat
12:14:19 16:14:19	John W Lewis @JohnWLewis		@4byoung Hi Brenda, we're up to this: #innochat https://t.co/GXjR8z2DMT
12:14:25 16:14:25	Lou Hayes, Jr. @LouHayesJr		@JohnWLewis Interaction often = collection = storage = evidence= retrieval = privacy issue. #innochat
12:14:49 16:14:49	Andrea Villeneuve @DreaVilleneuve		At least I'm consistent with being late for things today! Hello #innochat
12:14:51 16:14:51	Brenda Young @4byoung		RT @JohnWLewis: During this #innochat, let's discuss whatever interests you from AR to Siri (and similar) and anything else presentational...
12:15:49 16:15:49	John W Lewis @JohnWLewis		@LouHayesJr Good points! Wondering how new legal measures (e.g. GDPR in EU) view this area. #innochat
12:16:53 16:16:53	John W Lewis @JohnWLewis		So fire away, innocats, no prepared questions this week. What issues/innovations interest you in presentation and interaction? #innochat
12:17:49 16:17:49	John W Lewis @JohnWLewis		The increasing use of Siri/Alexa-like voice recognition systems is an area that concerns me. #innochat
12:18:09 16:18:09	Lou Hayes, Jr. @LouHayesJr		Facial recognition. Where is it headed? #innochat #ai
12:18:35 16:18:35	John W Lewis @JohnWLewis		Having hands-free means of interaction is a huge advantage in many fields, but ... what are the risks? #innochat
12:19:52 16:19:52	John W Lewis @JohnWLewis		When cameras in the streets and public places are able to recognise everyone's faces ... what then? #innochat https://t.co/86VCvdOMLz
12:20:27 16:20:27	Andrea Villeneuve @DreaVilleneuve		@LouHayesJr Great write up! #innochat
12:20:28 16:20:28	John W Lewis @JohnWLewis		@LouHayesJr What's your view on this, Lou? It's clearly a field that you know a lot about. #innochat
12:22:37 16:22:37	John W Lewis @JohnWLewis		@DreaVilleneuve @LouHayesJr It seems to me that the advent of "big data" faces the same issues in many fields: what... https://t.co/Hfv8brrrAs
12:23:36 16:23:36	Carol Stephen @Carol_Stephen		@JohnWLewis Right. Will we have to wear disguises to get around unnoticed? #WhoTookMyMustache #innochat
12:23:39 16:23:39	Lou Hayes, Jr. @LouHayesJr		@JohnWLewis No one knows enough about it. What are the ethical issues/tradeoffs w/ being able to track people in pu... https://t.co/SpQvov8gA
12:23:56 16:23:56	John W Lewis @JohnWLewis		Maybe a good place to start is what already exists. E.g. military head up displays, and helmet mounted devices.... #innochat
12:24:19 16:24:19	Brenda Young @4byoung		RT @JohnWLewis: @LouHayesJr Ah yes, the legal and ethical ramifications of some forms of interaction have yet to be understood. #innochat
12:24:30 16:24:30	John W Lewis @JohnWLewis		... and systems used by surgeons, and others performing intricate procedures. #innochat
12:24:30 16:24:30	Brenda Young @4byoung		RT @Carol_Stephen: @LouHayesJr And think about airport security and what issues they'll have screening people. #innochat
12:25:37 16:25:37	John W Lewis @JohnWLewis		@LouHayesJr Also, to what extent are we already being tracked via the mobile phones that we carry? #innochat

12:25:49 16:25:49	Andrea Villeneuve @DreaVilleneuve		@JohnWLewis @LouHayesJr Absolutely. Who is responsible for the safeguards when law/ethics need to play catch up? #innochat
12:26:13 16:26:13	Brenda Young @4byoung		@JohnWLewis Healthcare is one area where I think AR/VR/MR will be adopted quickly. There was a lot of activity w/Google Glass #innochat
12:26:35 16:26:35	Carol Stephen @Carol_Stephen		RT @JohnWLewis: Also, to what extent are we already being tracked via the mobile phones that we carry? #innochat <<Geofencing!
12:27:06 16:27:06	John W Lewis @JohnWLewis		What about the use of facial, iris, fingerprint and other recognition techniques for access control? #innochat
12:27:52 16:27:52	Brenda Young @4byoung		@JohnWLewis Beyond healthcare, I think Mixed Reality will be the focus for a number of sectors - mixing real with augmented #innochat
12:28:14 16:28:14	Lou Hayes, Jr. @LouHayesJr		@JohnWLewis And license plate reader cameras. Was just helping murder case solved by that tech! #innochat
12:28:26 16:28:26	Carol Stephen @Carol_Stephen		@4byoung That's true about Google Glass. There have been many uses with those who have autism. #innochat
12:28:37 16:28:37	John W Lewis @JohnWLewis		Not all of this is sinister! E.g. head up display systems can make interaction while, e.g., operating vehicles easier and safer. #innochat
12:28:50 16:28:50	Brenda Young @4byoung		@Carol_Stephen @JohnWLewis Not just tracked but our phones / devices are listening. #innochat
12:30:07 16:30:07	Carol Stephen @Carol_Stephen		@4byoung And sometimes you don't want your phone/computer listening! How many of us have blocked the webcams/cameras? #innochat
12:30:14 16:30:14	John W Lewis @JohnWLewis		@4byoung I agree, Brenda. E.g. for years military pilots have had systems which combine day and night vision to tra... https://t.co/rsjbpTEaJV
12:30:55 16:30:55	Brenda Young @4byoung		@Carol_Stephen @4byoung Yes. Autism, manufacturing, training for hazardous work areas, training for remote work, etc. #innochat
12:31:11 16:31:11	Andrea Villeneuve @DreaVilleneuve		@Carol_Stephen @4byoung Now off to google Google Glass and autism. Thank you for opening the rabbit hole. 🐰🐰🐰🐰 #innochat
12:31:50 16:31:50	Carol Stephen @Carol_Stephen		@JohnWLewis Self-driving cars appear to be much safer, but the tech is not ready yet. #innochat
12:31:59 16:31:59	John W Lewis @JohnWLewis		@4byoung @Carol_Stephen Yes, and any usage in which presentation of additional relevant information makes tasks eas... https://t.co/wba2oPDYZV
12:32:29 16:32:29	Carol Stephen @Carol_Stephen		@DreaVilleneuve Hah! You're welcome. #autism #Googleglass #innochat
12:32:59 16:32:59	John W Lewis @JohnWLewis		I wondered how long we'd take to get to autonomous vehicles! ;-) Yes, this is a hugely important area. #innochat https://t.co/SmaOVQWxaG
12:33:13 16:33:13	Andrea Villeneuve @DreaVilleneuve		@4byoung @Carol_Stephen @JohnWLewis The stuff FB App runs in the background is huge. And done even when you turn of... https://t.co/N6TbgiNok
12:33:15 16:33:15	Brenda Young @4byoung		@JohnWLewis Fingerprint and facial may be ok but wouldn't want Iris since it gives away so much personal health info #innochat
12:33:59 16:33:59	John W Lewis @JohnWLewis		@Carol_Stephen Even if the tech is ready, do we understand enough of the autonomous vehicle use cases and scenarios? #innochat
12:33:59 16:33:59	Carol Stephen @Carol_Stephen		@JohnWLewis Took about 32 minutes to get to autonomous vehicles. #innochat
12:34:46 16:34:46	Lou Hayes, Jr. @LouHayesJr		@4byoung @JohnWLewis I have 28+ passwords at work (police). Would welcome alternate access! #innochat
12:34:58 16:34:58	John W Lewis @JohnWLewis		Did you see the photo of Mark Zuckerberg's desk and computer with a sticky note over the camera! #innochat https://t.co/Fmz2M55D4y
12:35:44 16:35:44	Carol Stephen @Carol_Stephen		@JohnWLewis But if we react to technology, will we be in time to alter its course? #innochat

12:35:58 16:35:58	John W Lewis @JohnWLewis		@4byoung Iris recognition has been in use for some time for access to high security facilities. #innochat
12:36:31 16:36:31	Brenda Young @4byoung		@JohnWLewis Head up displays and other tasks that can be combined with 3D printing, e.g., a surgeon creating a model & using MR #innochat
12:36:34 16:36:34	John W Lewis @JohnWLewis		Amazing, that it took so long! 💎💎 #innochat https://t.co/9YcJ2pS9ldd
12:37:44 16:37:44	Carol Stephen @Carol_Stephen		@JohnWLewis Yes! Mark Zuckerberg's computer looks like mine! That made me laugh! #innochat https://t.co/GDKcVimtwn
12:38:11 16:38:11	John W Lewis @JohnWLewis		If you disconnect from the Internet (if you still can!! ;-)), you find out what relies on connections to remote servers! A lot! #innochat
12:38:22 16:38:22	John W Lewis @JohnWLewis		RT @Carol_Stephen: @JohnWLewis Yes! Mark Zuckerberg's computer looks like mine! That made me laugh! #innochat https://t.co/GDKcVimtwn
12:39:16 16:39:16	John W Lewis @JohnWLewis		What other forms on presentation and interaction are on the horizon? Smell?? ;-) #innochat
12:39:35 16:39:35	Brenda Young @4byoung		@Carol_Stephen @JohnWLewis Agreed. Tech and security are not ready for self-driving vehicles but good enough for some limited use #innochat
12:40:01 16:40:01	John W Lewis @JohnWLewis		Of course, the more means of interaction we have, the more “interesting” combinations of them are possible. #innochat
12:41:04 16:41:04	John W Lewis @JohnWLewis		@4byoung @Carol_Stephen I just think that, for just one example, kids are going to jump out in front of autonomous... https://t.co/y6rfAliTKw
12:41:48 16:41:48	Carol Stephen @Carol_Stephen		@JohnWLewis And of course we can never put that genie back in the bottle. #innochat
12:42:45 16:42:45	John W Lewis @JohnWLewis		@4byoung @Carol_Stephen Yes. But, compared with aircraft, there are many more things to hit and they're closer. And... https://t.co/ohqX1TcU5g
12:42:51 16:42:51	Brenda Young @4byoung		@JohnWLewis Don't know if you would call it another form but, retail will be a heavy user of Mixed Reality #innochat
12:43:28 16:43:28	John W Lewis @JohnWLewis		@Carol_Stephen If we can even find the bottle! ;-) #innochat
12:44:04 16:44:04	Carol Stephen @Carol_Stephen		@4byoung All the wackiest new cars are driving on the road in California. Apparently, they're safe enough for us! Hah! #innochat
12:44:11 16:44:11	Brenda Young @4byoung		@JohnWLewis Retail will use MR in their physical locations but also to add another dimension to online purchases #innochat
12:44:22 16:44:22	John W Lewis @JohnWLewis		@4byoung That's very likely, Brenda. Online shopping is fine, but the experience is very limited cf. in person shopping. #innochat
12:44:44 16:44:44	Carol Stephen @Carol_Stephen		For sure. @4byoung; Retail will use MR in their physical locations but also to add another dimension to online purchases #innochat
12:45:34 16:45:34	Andrea Villeneuve @DreaVilleneuve		@4byoung @JohnWLewis 3D printing will slowly change the retail market/manufacturing as well. As costs drive down a... https://t.co/gLzOm9Tzi
12:45:52 16:45:52	John W Lewis @JohnWLewis		@Carol_Stephen @4byoung Haha! So the next place will be the next wackiest after California? ;-) #innochat
12:46:25 16:46:25	Carol Stephen @Carol_Stephen		@JohnWLewis @4byoung Oh, geez! The brakes are gonna need extra testing then! #innochat
12:46:28 16:46:28	Brenda Young @4byoung		@JohnWLewis @Carol_Stephen Is that like telling a kid not to put beans in their nose? What's the old saying about y... https://t.co/aTKKlkQoR7
12:46:51 16:46:51	BizInnovationFactory @TheBIF		RT @Renee_Hopkins: TODAY at 4 pm Eastern...#BIF2017 storyteller @waltmossberg live on @GoLocalProv #innochat #innovation https://t.co/dfbwF
12:47:14 16:47:14	John W Lewis @JohnWLewis		@DreaVilleneuve @4byoung Yes, Andrea, 3D printing is perhaps the most extreme combination of remote and physical in... https://t.co/ZFGXeDekop

12:48:03 16:48:03	Brenda Young @4byoung		@JohnWLewis Yes. MR plus personal tech and adding in gamification and other options to enhance the experience #innochat
12:48:30 16:48:30	John W Lewis @JohnWLewis		@Carol_Stephen @4byoung Or they'll do that, and other things, because they trust it to work ... and there's no one in... https://t.co/GFC7kRst3U
12:49:16 16:49:16	John W Lewis @JohnWLewis		@4byoung So the boundaries between what is real and what is virtual become increasingly blurred? #innochat
12:49:22 16:49:22	Brenda Young @4byoung		@DreaVilleneuve @JohnWLewis True. There is a lot of activity in the materials management area developing new forms... https://t.co/wL4v1oIskI
12:49:35 16:49:35	Carol Stephen @Carol_Stephen		@4byoung @JohnWLewis Future Q/A testers, putting beans up their noses today! #innochat
12:50:27 16:50:27	John W Lewis @JohnWLewis		@4byoung @DreaVilleneuve How's the use of 3D printing of parts for the International Space Station going? #innochat
12:50:45 16:50:45	Carol Stephen @Carol_Stephen		@JohnWLewis Yes, lines are blurred already. Gamification is changing our reality. #innochat
12:51:08 16:51:08	Brenda Young @4byoung		@DreaVilleneuve @JohnWLewis There is a 3D printer "gun" that can shoot nanoparticles on to burned skin areas to hel... https://t.co/L5IOyvTuvG
12:51:34 16:51:34	John W Lewis @JohnWLewis		@Carol_Stephen @4byoung The general point is that we "need" to introduce these innovations in measured ways, becaus... https://t.co/my4lpsnMrO
12:52:49 16:52:49	Improliity Software @Improliity		The latest Improliity Dispatch! https://t.co/ASjtXAhpzL #strategy #innochat
12:53:16 16:53:16	John W Lewis @JohnWLewis		Wow, that's a great use of "3D printing"/"additive manufacturing"! #innochat https://t.co/Ggy4QdfME3
12:53:17 16:53:17	Brenda Young @4byoung		@JohnWLewis Yes, and could be a problem for children who already have some issues w/ what's real and what's virtual. #innochat
12:54:05 16:54:05	John W Lewis @JohnWLewis		Agree, ... and older people too! Sometimes the young ones have a clearer understanding! #innochat https://t.co/BNLepErKjx
12:56:18 16:56:18	John W Lewis @JohnWLewis		@4byoung @DreaVilleneuve Of course, adoption of innovations occurs first in areas where benefits are greatest. For... https://t.co/nc8hmO7Nji
12:56:26 16:56:26	Brenda Young @4byoung		@JohnWLewis @Carol_Stephen This is particularly worrisome w/regards to AI. Google found their AI was developing a l... https://t.co/dTwx9X6U6q
12:56:26 16:56:26	Carol Stephen @Carol_Stephen		@JohnWLewis I learn a lot from a certain 9 year-old about what's what. #innochat
12:57:38 16:57:38	Brenda Young @4byoung		@JohnWLewis Indeed. It uses the persons own cells so there is little risk of rejection. Has other uses beyond burns... https://t.co/Ka7BNpEbMM
12:58:13 16:58:13	John W Lewis @JohnWLewis		Haha! Robots developing their own languages! Will they be able to teach us to speak them too?! #innochat https://t.co/IGqP8pEEhZ
12:58:49 16:58:49	John W Lewis @JohnWLewis		Many of us have seen this phenomenon, Carol! #innochat https://t.co/nVwz7miCqe
12:59:19 16:59:19	Carol Stephen @Carol_Stephen		@JohnWLewis @4byoung Many startups have more of a "spaghetti" attitude with innovations. That is: throw it out ther... https://t.co/Yukz63BUIS
13:00:11 17:00:11	John W Lewis @JohnWLewis		Not that I'm a "fanboy"... but Walt Mossberg just liked my earlier tweet about his event at 4pmET! #innochat
13:00:36 17:00:36	Carol Stephen @Carol_Stephen		@JohnWLewis Just bothers me when he'd rather play the video game about the outdoors than go outdoors. #UnlessTheresIceCream #innochat
13:00:37 17:00:37	Brenda Young @4byoung		@JohnWLewis Saw some of the discussion btwn AI computers. They used English language words but it looked like word salad #innochat
13:01:21 17:01:21	John W Lewis @JohnWLewis		Thank you, everyone, for taking part in #innochat on this interesting and wide ranging topic.

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- 13:02:27 **Carol Stephen**  Thank you @JohnWLewis for making me a little smarter! #innochat
17:02:27 @Carol_Stephen <https://t.co/rzlb8A4aF7>
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- 13:03:31 **John W Lewis**  Haha. I've read translations from other languages, where the words are
17:03:31 @JohnWLewis English, but the sentences are not!... <https://t.co/fHSbEjiSgY>
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- 13:04:22 **John W Lewis**  Yup! We all see this! #innochat <https://t.co/p1BU9CIC5x>
17:04:22 @JohnWLewis
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- 13:06:02 **John W Lewis**  @Carol_Stephen Thanks @Carol_Stephen, @4byoung, @DreaVilleneuve for
17:06:02 @JohnWLewis taking part in #innochat today.