HIGHER RESOLUTION

Join international collective Hyphen-Labs led by Ece Tankal and Carmen Aguilar y Wedge and question our relationships with digital platforms, the power behind technology and how art can be used as a tool of intervention as they launch the fourth year of Tate Exchange, responding to the theme of 'Power'.

Examine what we share with machines and the algorithms that define our privacy, behaviour and digital rights, inspired by the question 'how did we get here?' Focusing on technology and the next generation of 'higher power', explore the creation of power and the tools to disrupt, resist and redistribute it through an immersive sequence of interventions, conversations, talks and workshops across multiple spaces.

TUESDAY 17 SEPTEMBER

WHERE: TITLE: ARTIST:	12:30 - 13:30 The Town Hall HIGHER RESOLUTION: OPENING POWER LUNCH Hyphen-Labs + Caroline Sinders Tate Exchange's 2019-20 Lead Artists, Hyphen-Labs, introduce this years theme of POWER. Looking at technology, algorithms, data, artificial intelligence and existing belief systems.
WHERE: TITLE: ARTIST:	15:30 - 17:30 The Town Hall EXPLORING AND CELEBRATING NON-CIS WHITE VOICES IN AI Women Like Me Explore and celebrate non-cis white voices in AI with the collective, Women Like Me.
	SDAY 18 SEPTEMBER
I THE:	

WHERE: The Town Hall TITLE: HOW DOES AI AUGMENT HUMAN RELATIONSHIPS? ARTIST: Alex Fefegha & Akil Benjamin Comuzi

WORKSHOP: How Does AI Augment Human Relationships?

THURSDAY 19 SEPTEMBER

- TIME: 14:30 16:30
- WHERE: The Town Hall TITLE: IS A FEMINIST MACHINE LEARNING
- SYSTEM POSSIBLE? ARTIST: Caroline Sinders
- WORKSHOP: Investigate and discuss Feminist Machine Learning Systems with AI.
- TIME: 16:30 17:30
- WHERE: The Living Room
- TITLE: STEALING UR FEELINGS
- ARTIST: Noah Levenson
- TALK: Discuss Noah's research into facial and emotion recognition software and how these AI systems, which can be riddled with inaccuracies, are being deployed in social networks.

FRIDAY 20 SEPTEMBER

- TIME: 13:30 14:30 WHERE: The Park Bench TITLE: SELF-OPTIMIZATION THROUGH YIN YOGA ARTIST: Marija Bozinovska Jones WORKSHOP: Marija Bozinovska Jones, with instructor Emma Peel, facilitate a 'self-optimizing' Yin Yoga session. TIME: 14:30 - 16:30 WHERE: Southwark Room TITLE: THE GREAT HACK SCREENING DISTRIBUTOR: Netflix FILM: Documentary exploring how Cambridge Analytica has come to symbolise the dark side of social media in Brexit and the U.S. presidential election. TIME: 16:30 - 17:30 WHERE: The Town Hall TITLE: FINGERS, BILLIONS AND CHAIRS: HOW 'EVERYTHING' IS INTERCONNECTED. ARTIST: Andres Colmenares & Lucy Black-Swan Internet Age Media
- TALK: Internet Age Media present a live, interactive presentation and Q&A from their studio in Barcelona on the future of the internet and its users.

SATURDAY 21 SEPTEMBER

TIT Cor ART	ERE: TLE: ntrol	12:00 - 13:00 The Town Hall The Platforms And Politic s In Iran Mahsa Alimardani A discussion around Iran's control environment, cense surveillance and digital	s information orship,	TITLE:	12:00 - 14:00 Sermon Lane next to St Paul's Cathedral CARRYING THE CROSS Filipe Vilas-Boas A giant sculptural 'f', conceived as a commentary on social media, will be carried by the performance artist and audience members from St Paul's Cathedral to Tate Exchange.	
		13:00 - 14:00			12 15 12 45	
		The Town Hall YOU'VE COMPLETELY LOS OVER YOUR DATA. HERE'S HOW TO CLAIM IT		TITLE:	12:15 - 12:45 The Town Hall HAUNTED MACHINES Natalie Kane	
ARTIST		Frederike Kaltheuner		TALK:	Exploring narratives of myth, magic	
Т٧1	K:	Privacy International Director of Corporate Exp	loitation		and haunting around technology.	
I AL		dives into the many ways		TIME:	13:30 - 15:00	
		is increasingly mined.		WHERE:	The Living Room INSTANT ARCHETYPES	
		14:00 - 16:00 Southwark Room THE GREAT HACK SCREENING			Paul Graham Raven - Superflux Paul Graham Raven facilitates an intimate Tarot reading session with	
		BUTOR: Netflix			'Instant Archetypes', a remixed Tarot	
FIL	.M:	Documentary exploring Cambridge			deck for a tech saturated	
		Analytica and the dark si			21st century.	
		media in Brexit and the U.S. election.			16:00 - 17:30	
TIM	1E:	16:00 - 17:30			Tate Exchange to Cildo Meireles	
		Southwark Room			Babel (2001), Tate Modern	
		POST CAMBRIDGE ANALYTICA			LISTEN, A WALK TO BABEL	
SPE	AKER	S: David Carroll, Ravi	Naik &	ARTIST:	Ekin Bernay First we let go of our thumbs, letting go of our attachment to our phones. A physical grounding exercise choreographing participants through Tate Modern, from Tate Exchange to Cildo Meireles Babel (2001).	
PAN	IFI •	Carole Cadwalladr What happened in The Great	Hack?			
I AI		What does the future hold?				
		and legislating social ne	etworks in a			
		post Cambridge Analytica				
		CO-CURATED BY MOZIL	LA			
Г						
(CO-Cl	SDAY-SUNDAY JRATED BY MOZILLA ER LUNCH	TIME: TUES 17 SEPT ARTISTS: HYPHEN-LABS & CAROLINE SINDERS		TIME: TUE 24 SEPT SPEAKER: AHMED RAZEK, BBC	
		SERIES		-	TIME: WED 25 SEPT	
12:30-13:30 Our lunchtime talk series covers themes of human rights, data privacy and AI.		80-13:30	TIME: WED 18 SEPT SPEAKER: KAJAL ODEDRA, CHANGE.ORG MELODY PATRY,ACCESS NOW		AMNESTY INTERNATIONAL	
		lunchtime talk				
		ies covers themes	TIME: THURS 19 SEPT SPEAKER: SAM JEFFERS, WHO TARGETS ME			
		C			DOTEVERYONE	
			TIME: FRI 20 SEPT SPEAKER: KAROLINA IWANK PANOPTYKON FOUNDATION		TIME: FRI 27 SEPT	
Bri		ng your own lunch.			ARTIST: LUCIE PARKER, SA, FAWCETT SOCIETY	

TUESDAY-SUNDAY CO-CURATED BY MOZILLA POWER LUNCH TALK SERIES 12:30-13:30	TIME: TUES 17 SEPT ARTISTS: HYPHEN-LAN & CAROLINE SINDERS TIME: WED 18 SEPT SPEAKER: KAJAL ODEN
Our lunchtime talk series covers themes of human rights, data privacy and AI.	CHANGE.ORG MELODY PATRY,ACCESS TIME: THURS 19 SEPT SPEAKER: SAM JEFF WHO TARGETS ME
Bring your own lunch.	TIME: FRI 20 SEPT SPEAKER: KAROLINA IN PANOPTYKON FOUNDATI

SEPTEMBER 2019

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EXCHANGE

SUNDAY 22 SEPTEMBER

HIGHER RESOLUTION

TUESDAY 24 SEPTEMBER

- TIME: 14:30 16:00 WHERE: The Living Room TITLE: DO YOU KNOW WHO YOU ARE? ARTIST: Ana Maria Toro & Romy Gad el Rab Onada Studio WORKSHOP: Experimental 'Digital Aura' reading workshop. TIME: 16:30 - 17:30 WHERE: The Town Hall TITLE: TECHNOLOGIES OF CAPTURE & PERSPECTIVE EXCHANGE ARTIST: Maya Hope Chaldecott, Sophie Mei Birkin, Deborah Tchoudjinoff & Hermione Spriggs Multimedia Anthropology Lab, UCL PANEL: How can ways of seeing and believing encode themselves into
- technological objects. WEDNESDAY 25 SEPTEMBER

- TIME: 13:30 15:00
- WHERE: The Living Room TITLE: DRAW WHAT YOU THINK ALEXA LOOKS LIKE
- ARTIST: Melanie Hoff
- WORKSHOP: Calling all children are you growing up interacting with an AI assistant like Alexa or Siri? Come and draw what you think these assistants look like.
- TIME: 15:00 17:30
- WHERE: The Living Room TITLE: DEMOCRATIZING THE PROCESS
- OF DESIGNING THE FUTURE ARTIST: Joanna Skorupska
- Radicalzz Studio WORKSHOP: Discuss the power of technology
- and how we will use it in the future as a means for pushing our society towards sustainable growth.

THURSDAY 26 SEPTEMBER

- TIME: 14:30 17:30
- WHERE: The Town Hall
- TITLE: GOD FOR FREE
- ARTIST: Gastón Lisak, Carlos J.Navarro & Nicole Vindel - Random Happiness WORKSHOP: Reflecting on religion in modern times and it's capacity to give us peace.

FRIDAY 27 SEPTEMBER

- TIME: 14:00 14:30 WHERE: The Living Room TITLE: HOLY HOW, DISCUSSION ARTIST: Matteo Guarnaccia & Francesco Tagliavia TALK: Join the Artists to discuss their recent video installation, Holy How, examining video tutorials and the relationship between followers and disciples. TIME: 15:30 - 16:30 WHERE: The Town Hall
- TITLE: F'XA AND AI BIAS
- ARTIST: Conor Rigby The Feminist Internet TALK: Conor Rigby Designer and Co-founder of Feminist Internet will be speaking about F'xa, the 'Feminist Alexa' and AI bias.
- TIME: 16:30 17:30
- WHERE: The Town Hall
- TITLE: QUANTUM TIME, VIRTUAL REALITIES, & SPIRITUAL GENETICS
- ARTIST: Daniel Sabio, aka The Glad Scientist WORKSHOP: Join Daniel Sabio, aka The Glad
- Scientist, in a questioning of quantum existence and your relationship with time and spirituality.

TATE LATE FRI 27 SEPT 6PM-10PM

- TIME: 18:00- 18:30
- WHERE: The Town Hall
- TITLE: CACHED
- ARTIST: Clément Bouttier, Ryan Dzelzkalns, Jon Flint, Vytas Jankauskas, Joana Mateus, Aline Martinez & Felipe de Souza Cached Collective
- Talk: Cached Collective talks through their installation and how machines are learning to perceive you as a social being and the assumptions these machines may make about you.
- TIME: 19:00 20:00, 20:30 21:45
- WHERE: The Park Bench
- TITLE: TOP OF THE BOTS: RESURRECTION ARTIST: Libby Heaney
 - Sing along with artificial intelligence based karaoke in an interactive performance and installation.
- TIME: 20:00 20:30
- WHERE: Town Hall
- TITLE: RESONANCE
- ARTIST: Georgina Voss A live performance of Resonance, Georgina channels and disassembles the role of a technology CEO and the hype of a technology product launch.

SATURDAY 28 SEPTEMBER

TMF·	12:30 - 14:00	Т
	The Town Hall	W
	RITE TO OPACITY	Т
	Irene Tokini Fubara-Manuel	A
	A screening of Irene Tokini Fubara-	
011101101	Manuel's video on biometric surveillance	W
	and a presentation on opacity and	
	so[u]rcery. Reflect on the higher powers	
	of surveillance in your life.	
	of surveillance in your life.	
TME	14:00 - 15:30	Т
	The Living Room	W
	LATENT THEOLOGY	Т
	Gabriel Bianconi	
	Exploring the intersection of	А
	artificial intelligence, theology,	W
	spirituality, and belief.	
	Join Gabriel in a discussion and series	
	of experiments investigating the question:	
	"What does belief look like to an	
	artificial neural network?"	
		Т
IME:	15:00 - 16:30	W
	The Town Hall	Т
ITLE:		A
	BODY AND MIND	W
RTIST:	Memo Akten	
ALK:	Artist & Machine learning expert	
	Memo Akten explores the relationship	
	between human rituals and algorithms.	
	C C	
IME:	16:30 - 17:30	Т
/HERE:	The Town Hall	W
ITLE:	HOW AI AUGMENTS HUMAN	
	RELATIONSHIPS	Т
	Alex Fefegha & Akil Benjamin	A
	Comuzi	
ALK:	Following thier workshop earlier in the	
	programme, Comuzi will address the socio-	
	cultural implications of AI and its	
	effect on our intimate relationships.	
IME:	17:30 - 18:30	
HERE:	The Town Hall	Т
ITLE:	AI AND CLIMATE AND EXTINCTION CRISIS	W
	Kenric McDowell	Т
ALK:	Discusses the need for relational and	A
	ecological approaches to AI.	Т
	11	
IME: A		
	The Loo	
	CACHED	
RIISI:	Clément Bouttier, Ryan Dzelzkalns,	-
	Jon Flint, Vytas Jankauskas,	T
	Joana Mateus, Aline Martinez & Felipe de Souza	W T
	Cached Collective	1
	A personalised experience that offers a	٨
	glimpse of your digital self, revealing	A W
	how your online activity is quantified,	771
	interpreted, and profiled by algorithms.	

| TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | WEEK 2 - 24TH-29TH SEPTEMBER 2019 | TATE EXCHANGE | TATE EXCHANG

SUNDAY 29 SEPTEMBER

HERE: ITLE: RTIST:	<pre>11:00 - 13:00 The Town Hall CYBERNETIC CHOREOGRAPHIES Melanie Hoff, Dan Taeyoung & Sam Hart Explore how feedback loops operate and evolve through bodily movements, physical activities, and written poem exercises.</pre>
RTIST:	<pre>12.30 - 17:00 The Living Room FUNCTION INHALE(): THE CODE BEHIND BREATHING Julia Piekarczyk Join creative technologist Julia Piekarczyk in creating a mixed-media installation by imagining what your mindful breathing could look like if it was visible to the naked eye.</pre>
RTIST:	<pre>13:00 - 15:30 The Town Hall CRYPTOPARTY Big Brother Watch Ever wonder about secure passwords, social media privacy settings and internet cookies? Ask Big Brother Watch in London's Cryptoparty, a space to ask any technology question.</pre>
	<pre>14:00 - 15:30 Tate Exchange to Cildo Meireles Babel (2001), Tate Modern LISTEN, A WALK TO BABEL Ekin Bernay First we let go of our thumbs, letting go of our attachment to our phones. A physical grounding exercise choreographing participants through Tate Modern, from Tate Exchange to Cildo Meireles Babel (2001).</pre>
IME: HERE: ITLE: RTIST: ALK:	<pre>15:30 - 16:00 The Town Hall SELF-OPTIMIZATION :TALK Marija Bozinovska Jones Self-Optimization considers thriving in an era of permanent online status. Discuss concepts of grounding and self-regulation from Buddhism and biology.</pre>
	<pre>16:00 - 17:30 The Park Bench SELF-OPTIMIZATION THROUGH SOUND MEDITATION. Maria Bozinovska Jones With instructor Sabrina Metlaghi, guide a listening session and sound meditation A vibrational resonances experience.</pre>

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