

# HIGHER RESOLUTION

Join international collective Hyphen-Labs led by Ece Tankal and Carmen Aguilar y Wedge to 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 and conversations, talks and workshops across multiple spaces.

## TUESDAY 17 SEPTEMBER

**TIME:** 12:30 - 13:30  
**WHERE:** The Town Hall  
**TITLE:** HIGHER RESOLUTION: OPENING POWER LUNCH  
**ARTIST:** Hyphen-Labs + Caroline Sindera  
**TALK:** Tate Exchange's 2019-20 Lead Artists, Hyphen-Labs, introduce this year's theme of POWER. Looking at technology, algorithms, data, artificial intelligence and existing belief systems.

**TIME:** 15:30 - 17:30  
**WHERE:** The Town Hall  
**TITLE:** EXPLORING AND CELEBRATING NON-CIS WHITE VOICES IN AI  
**ARTIST:** Women Like Me  
**PANEL:** Explore and celebrate non-cis white voices in AI with the collective, Women Like Me.

## WEDNESDAY 18 SEPTEMBER

**TIME:** 14:30 - 17:30  
**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 Sindera  
**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  
**TALK:** Internet Age Media presents a live, interactive presentation and Q&A from their studio in Barcelona on the future of the internet and its users.

## SATURDAY 21 SEPTEMBER

**TIME:** 12:00 - 13:00  
**WHERE:** The Town Hall  
**TITLE:** THE PLATFORMS AND POLITICS OF INTERNET CONTROLS IN IRAN  
**ARTIST:** Mahsa Alimardani  
**TALK:** A discussion around Iran's information control environment, censorship, surveillance and digital platforms.

**TIME:** 13:00 - 14:00  
**WHERE:** The Town Hall  
**TITLE:** YOU'VE COMPLETELY LOST CONTROL OVER YOUR DATA. HERE'S HOW TO CLAIM IT BACK!  
**ARTIST:** Frederike Kaltheuner  
**TALK:** Director of Corporate Exploitation dives into the many ways in which data is increasingly mined.

**TIME:** 14:00 - 16:00  
**WHERE:** Southwark Room  
**TITLE:** THE GREAT HACK SCREENING  
**DISTRIBUTOR:** Netflix  
**FILM:** Documentary exploring Cambridge Analytica and the dark side of social media in Brexit and the U.S. election.

**TIME:** 16:00 - 17:30  
**WHERE:** Southwark Room  
**TITLE:** POST CAMBRIDGE ANALYTICA  
**SPEAKERS:** David Carroll, Ravi Naik & Carole Cadwalladr  
**PANEL:** What happened in The Great Hack? What does the future hold? Data privacy and legislating social networks in a post Cambridge Analytica world.  
**CO-CURATED BY MOZILLA**

**TUESDAY-SUNDAY**  
**CO-CURATED BY MOZILLA**

Our lunchtime talk series covers themes of human rights, data privacy and AI.

Bring your own lunch.

**POWER LUNCH**  
**TALK SERIES**  
**12:30-13:30**

**TIME:** TUES 17 SEPT  
**ARTISTS:** HYPHEN-LABS & CAROLINE SINDERS

**TIME:** WED 18 SEPT  
**SPEAKER:** KAJAL ODEDRA, CHANGE.ORG  
**MELODY PATRY, ACCESS NOW**

**TIME:** THURS 19 SEPT  
**SPEAKER:** SAM JEFFERS, WHO TARGETS ME

**TIME:** FRI 20 SEPT  
**SPEAKER:** KAROLINA IWANKSA, PANOPTYKON FOUNDATION

## SUNDAY 22 SEPTEMBER

**TIME:** 12:00 - 14:00  
**WHERE:** Sermon Lane next to St Paul's Cathedral  
**TITLE:** CARRYING THE CROSS  
**ARTIST:** 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.

**TIME:** 12:15 - 12:45  
**WHERE:** The Town Hall  
**TITLE:** HAUNTED MACHINES  
**ARTIST:** Natalie Kane  
**TALK:** Exploring narratives of myth, magic and haunting around technology.

**TIME:** 13:30 - 15:00  
**WHERE:** Cildo Meireles Babel (2001), Tate Modern to Tate Exchange  
**TITLE:** LISTEN, A WALK FROM BABEL  
**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 Cildo Meireles Babel to Tate Exchange.

**TIME:** 13:30 - 15:00  
**WHERE:** The Living Room  
**TITLE:** INSTANT ARCHETYPES  
**ARTIST:** Paul Graham Raven - Superflux  
**TALK:** Paul Graham Raven facilitates an intimate Tarot reading session with 'Instant Archetypes', a remixed Tarot deck for a tech-saturated 21st century.

**TIME:** TUE 24 SEPT  
**SPEAKER:** AHMED RAZEK, BBC

**TIME:** WED 25 SEPT  
**SPEAKER:** RASHA ABDUL-RAHIM & ANNA BACCIARELLI, AMNESTY INTERNATIONAL

**TIME:** THURS 26 SEPT  
**SPEAKER:** RACHEL COLDICUTT, DOTEVERYONE

**TIME:** FRI 27 SEPT  
**ARTIST:** LUCIE PARKER, FAWCETT SOCIETY

# 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 & Raffaella Fryer Moreira Multimedia Anthropology Lab, UCL  
 WORKSHOP: 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 our 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

TIME: 12:30 - 14:00  
 WHERE: The Town Hall  
 TITLE: RITE TO OPACITY  
 ARTIST: Irene Tokini Fubara-Manuel  
 WORKSHOP: A screening of Irene's video on biometric surveillance and a presentation on opacity and so[ur]cery. Reflect on the higher powers of surveillance in your life.

TIME: 14:00 - 15:30  
 WHERE: The Living Room  
 TITLE: LATENT THEOLOGY  
 ARTIST: Gabriel Bianconi  
 WORKSHOP: Exploring the intersection of artificial intelligence, theology, 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?"

TIME: 15:00 - 16:30  
 WHERE: The Town Hall  
 TITLE: WAVES & GODS  
 ARTIST: Memo Akten  
 TALK: A talk about magic, ritual, algorithms, spirit, empathy and love.

TIME: 16:30 - 17:30  
 WHERE: The Town Hall  
 TITLE: HOW AI AUGMENTS HUMAN RELATIONSHIPS  
 ARTIST: Alex Fefegha & Akil Benjamin Comuzi  
 TALK: Following their workshop, Comuzi will address the socio-cultural implications of AI and its effect on our intimate relationships.

TIME: 17:30 - 18:30  
 WHERE: The Town Hall  
 TITLE: AI AND CLIMATE AND EXTINCTION CRISIS  
 ARTIST: Kenric McDowell  
 TALK: Discusses the need for relational and ecological approaches to AI.

TIME: All Day  
 WHERE: The Loo  
 TITLE: CACHED  
 ARTIST: Clément Bouttier, Ryan Dzelzkalns, Jon Flint, Vytas Jankauskas, Joana Mateus, Aline Martinez & Felipe de Souza  
 Cached Collective  
 A glimpse of your digital self, revealing how your online activity is quantified, interpreted, and profiled by algorithms.

## SUNDAY 29 SEPTEMBER

TIME: 12.30 - 17:00  
 WHERE: The Living Room  
 TITLE: FUNCTION INHALE(): THE CODE BEHIND BREATHING  
 ARTIST: Julia Piekarczyk  
 WORKSHOP: 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.

TIME: 11:00 - 13:00  
 WHERE: The Town Hall  
 TITLE: CYBERNETIC CHOREOGRAPHIES  
 ARTIST: Melanie Hoff, Dan Taeyoung & Sam Hart  
 WORKSHOP: Explore how feedback loops operate and evolve through bodily movements, physical activities, and written poem exercises.

TIME: 13:00 - 15:30  
 WHERE: The Town Hall  
 TITLE: CRYPTOPARTY  
 ARTIST: Big Brother Watch  
 WORKSHOP: 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 related question.

TIME: 13:30 - 15:00  
 WHERE: Cildo Meireles Babel (2001), Tate Modern to Tate Exchange  
 TITLE: LISTEN, A WALK FROM BABEL  
 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 Cildo Meireles Babel to Tate Exchange.

TIME: 15:30 - 16:15  
 WHERE: The Town Hall  
 TITLE: SELF OPTIMIZATION :TALK  
 ARTIST: Marija Bozinovska Jones  
 TALK: Self optimization considers thriving in an era of permanent online status. Discuss concepts of grounding and self-regulation from Buddhism and biology.

TIME: 16:15 - 17:30  
 WHERE: The Park Bench  
 TITLE: SELF OPTIMIZATION THROUGH SOUND MEDITATION.  
 ARTIST: Marija Bozinovska Jones  
 WORKSHOP: With instructor Sabrina Metlaghi, guide a listening session and sound meditation. A vibrational resonances experience.

# HIGHER RESOLUTION

INSTALLATIONS 17TH-29TH SEPTEMBER 2019

## 1. HOW DID YOU GET HERE?

**Hyphen-Labs**

Multimedia Installation

We use technology everyday; it shapes us and our daily habits. On the Tate Exchange floor, "How did you get here?", is a wireframe diagram navigating you around the space based on your algorithmic habits.

## 2. F'XA

**Feminist Internet, Comuzi**

The Living Room

Chatbot

F'xa is a feminist chatbot designed to teach people about AI bias and point them towards actions that can help reduce it.

F'xa was created by Feminist Internet in collaboration with Comuzi.

## 3. DATA SPELL

**Janus Rose**

The Loo

Janus Rose is an editor, writer and chaos witch. This is her spell to bind Silicon Valley and overreaching technology.

## 4. STOP THAT FUTURE! STOP THAT FEATURE!

+ LIKE BUTTON

**Hyphen-Labs X Random Happiness**

Central Wall

Interactive Installation

A calling out of specific applications and technologies that abuse user privacy and foster bad technology, designed to curb malevolent technology so a better future can be built. Like Button created by Random Happiness.

## 5. THE AGONY OF THE BROKEN HARD DRIVE

**Vivienne Griffin**

The Loo

Audio Recording, 00:12:32

Binaural recording of a meditation on meditation on medication.

## 6. THE CROSS

**Filipe Vilas-Boas**

The Floor

Installation/Performance

Constructed from timber and nails and measuring 340 x 200 x 50 cm, a giant sculptural 'f' conceived as a commentary on social media, will be carried on the 22nd of September 2019 ready for crucifixion, marking the pinnacle moment of the performance.

## 7. VOCABULARY WALL

**The People's Guide to Ai, Caroline Sindere, Hyphen-Labs, Jon Lloyd**

Entrance

Changing and evolving language needs clear and descriptive definitions of the new words we are starting to encounter every day. This wall is here to help define the opaque, weird, and complex words and concepts that technology has embedded in society.

## 8. THE PEOPLE'S GUIDE TO AI

**Mimi Onuoha and Mother Cyborg (Diana Nucera)**

Book

A People's Guide to AI is a comprehensive beginner's guide to understanding AI and other data-driven tech. The guide uses a popular education approach to explore and explain AI-based technologies so that everyone—from youth to seniors, and from non-techies to experts—has the chance to think critically about the kinds of futures automated technologies can bring.

## 9. DRAW WHAT YOU THINK ALEXA LOOKS LIKE

**Melanie Hoff**

The Living Room

Participatory drawing installation

A collection of drawings by children growing up interacting with an AI assistant in response to "Draw what you think alexa looks like."

This drawing exercise explores how children are imagining the physical form of a disembodied AI assistants.

## 10. ARE.NA: HIGHER RESOLUTION/TATE EXCHANGE

**Hyphen Labs, Caroline Sindere**

Reading list

Our reading list is a series of curated, canonical online articles we've selected that have guided our research, thoughts and ideas with exploring power, AI and society for Higher Resolutions x Tate Exchange.

## 11. VIDEO SERIES

**DREAMS OF DISGUISE (2018)**

**Irene Tokini Fubara-Manuel**

The Living Room

Video, (7 minutes)

Dreams of Disguise is based on the artist's visa application process and return into the UK from her trip to Canada. It is a traversal of the border through biometric technologies and the spaces they connect through their networks. This work explores the dreams and need for migrant identities that exist beyond surveillance and databases.

**HOLY HOW**

**Matteo Guarnaccia, Francesco Tagliavia**

The Living Room

Video

Focusing on the search of answers, the video Holy How plays around the similitudes between social dynamics and higher powers, using the tutorial as a medium of expression. The guide explains how to create your brand new cult, converting followers to disciples and divulge your profile picture as an iconography.

**THE NEXT ENLIGHTENMENT**

**Danielle Zilliox**

The Park Bench

Video

10-minute 'documentary' produced by a future AI exploring how quantum computing gave rise to a new era of enlightenment.

**SOCRATIC SEARCH ENGINE**

**Ted Hunt**

The Park Bench

Video

Today a single centralized access point, Google, monopolises web search with a staggering 90 per cent share of the global web search market. Google is now so ubiquitous with web search that it has become a verb, we "Google things" rather than "questioning things". A speculative web search engine that allows us to question and re-question things through considering new, alternative, and diverse perspectives.

**THE QUANTUMNESS OF ARCHIPELAGOS**

**Playlist by IAM, Andres Colmenares & Lucy Black-Swan**

A 'what if?' remix of ideas coming from philosophy, geography, queer theory and quantum physics, shaped as an experimental thinking tool to deal with the complexity of our realities and a lens through which we can imagine alternatives, collectively.

**AUGMENTED REALITY EXPERIENCE**

**STEALING YOUR FEELINGS**

**Noah Levenson**

The Living Room

Stealing Your Feelings is an augmented reality experience by Noah Levenson that reveals how apps like Snapchat can utilize facial emotion recognition technology to secretly collect data about your emotions to make decisions about your life and promote inequalities.

