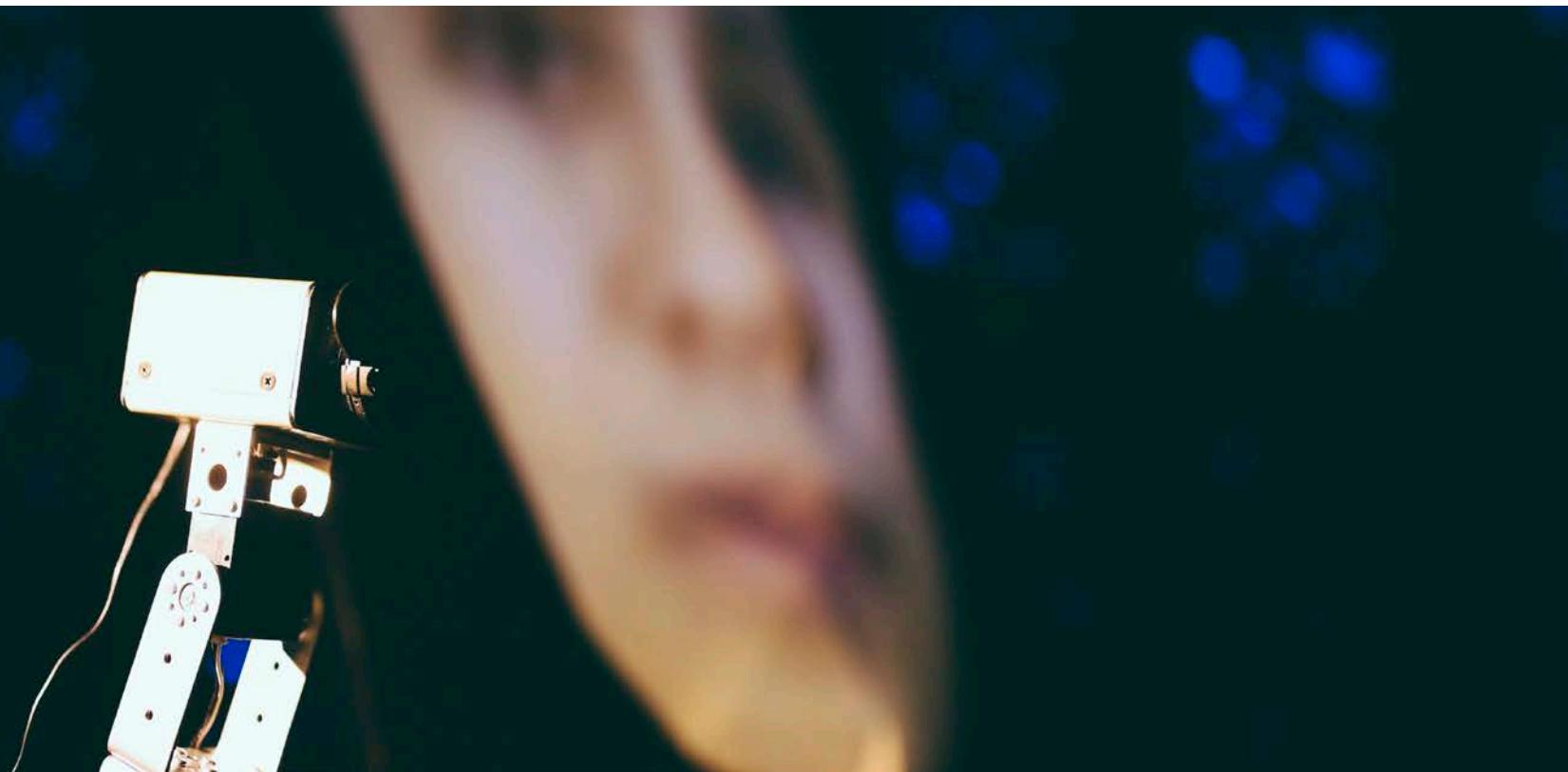


# STORIES UNDER THE INFLUENCE

as told to RAY LC

FORDHAM  
NMDD  
2019



# STORIES UNDER THE INFLUENCE

PLAN FOR  
TODAY

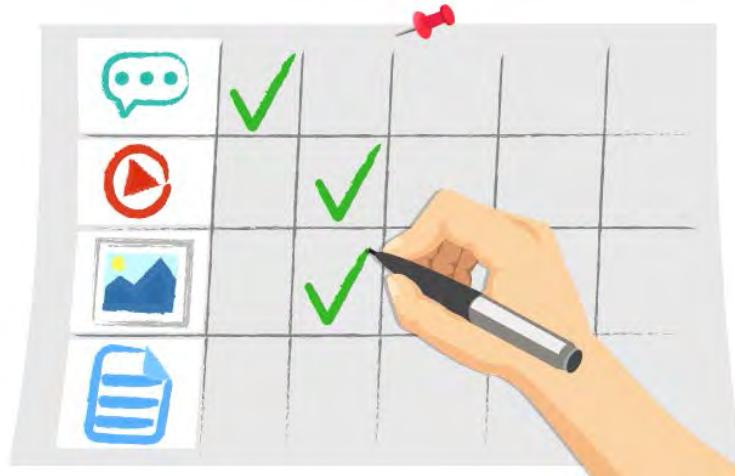
Listening to stories

Making stories

Study: telling stories with machines

Study: telling stories with technology

Study: telling stories with empowerment



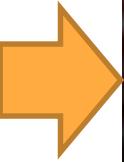
# STORIES TELL US ABOUT THE PEOPLE WHO TELL THEM



"taught me how to swim by throwing in water"

"have to take risks to create a business"

# STORIES TELL US ABOUT THE PEOPLE WHO TELL THEM



“taught me how to swim by throwing in water”

“never trust authority, fight for your rights”

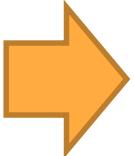
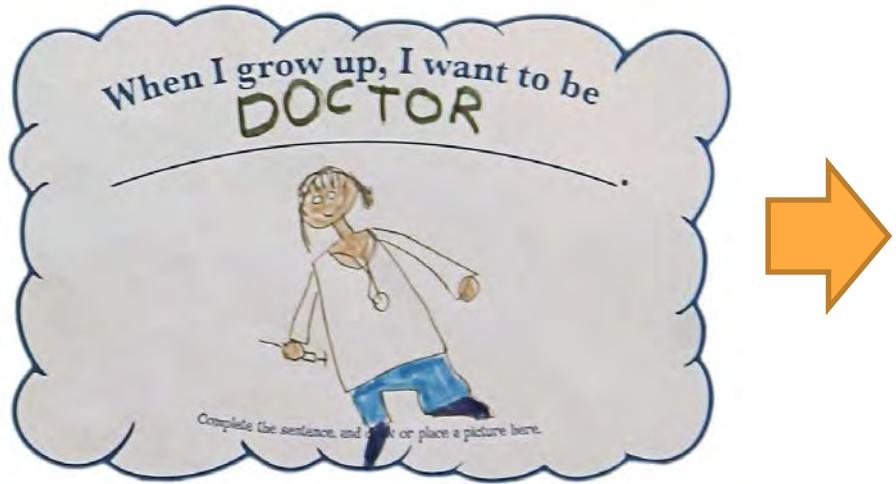
# WE EDIT STORIES FOR PURPOSE

stories under our influence



# OUR STORIES COMMIT US TO PURPOSE

stories influence us



# WE COMMUNICATE USING STORIES



transcendental idealism

# WE COMMUNICATE USING STORIES



transcendental idealism



semantics

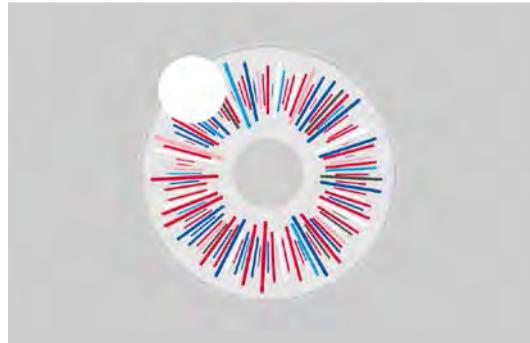
# WE COMMUNICATE USING STORIES



transcendental idealism



semantics



transdisciplinary

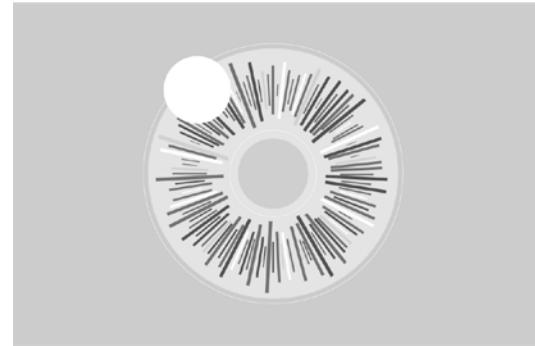
# WE COMMUNICATE USING STORIES



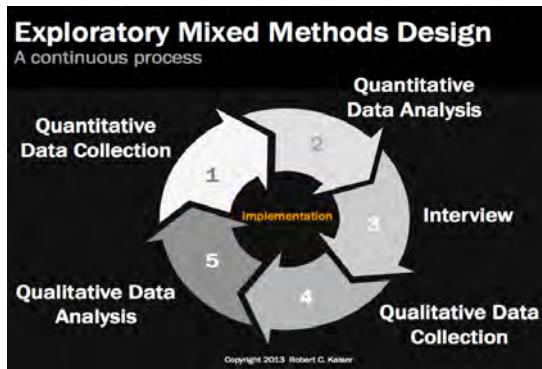
transcendental idealism



semantics



transdisciplinary



mixed methods

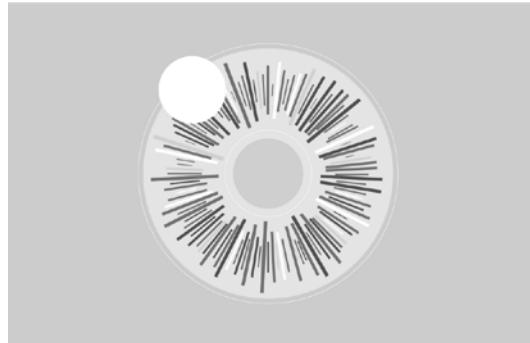
# WE COMMUNICATE USING STORIES



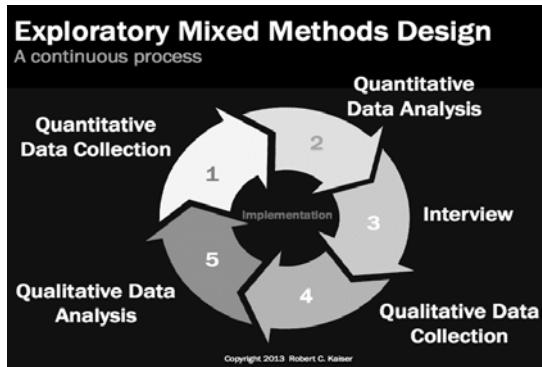
transcendental idealism



semantics



transdisciplinary



mixed methods



grants/fellowships/pitches

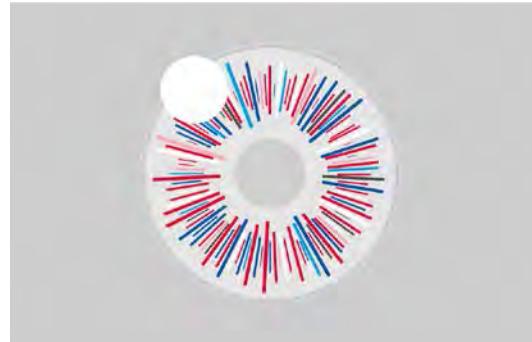
# WE COMMUNICATE USING STORIES



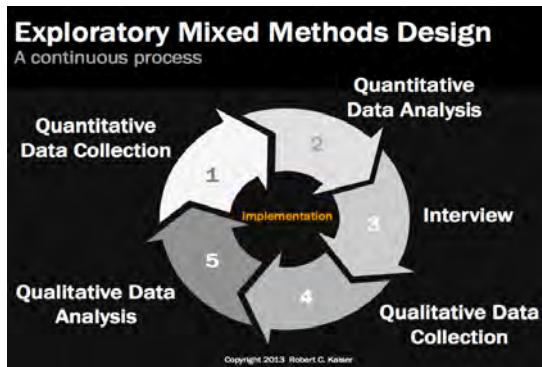
transcendental idealism



semantics



transdisciplinary



mixed methods



grants/fellowships/pitches



art

# STORIES OF HYBRID PRACTICE

LAMP: AN ODYSSEY

as told to RAY LC

2017



SECRET LIVES OF MACHINES

as told to RAY LC

2017



MACHINE GAZE

as told to RAY LC

2017



ARTISTIC INTELLIGENCE

as told to RAY LC

2019



LOOK AT ME, THINK OF ME

as told to RAY LC

2019



A CASE FOR PLAY: ROHINGYA REFUGEE EXPERIENCE

as told to RAY LC

2019



# LAMP: AN ODYSSEY

2017

as told to RAY LC





# CURRENT USES OF MACHINE INTELLIGENCE

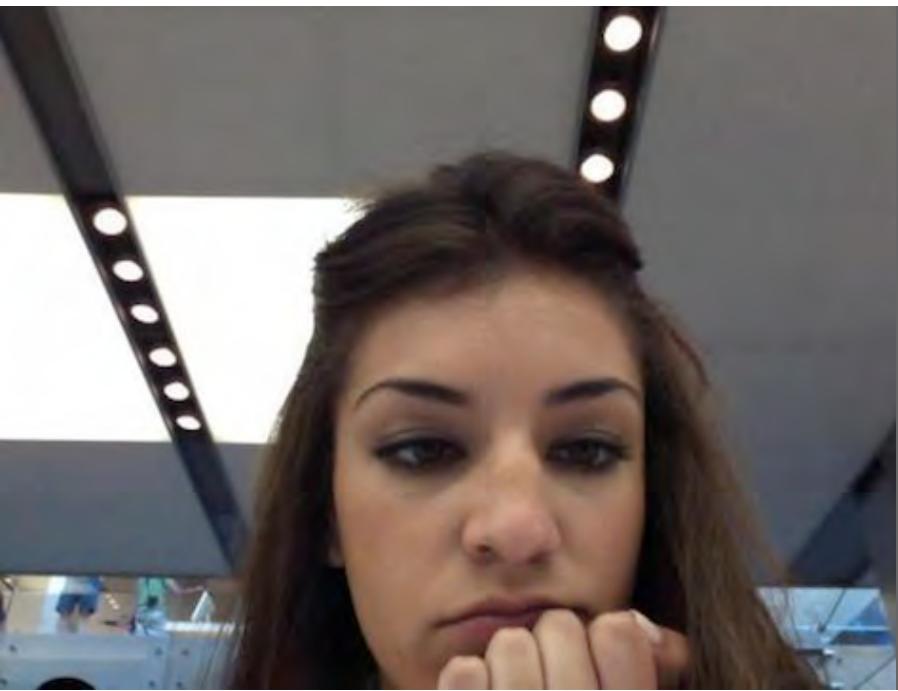


AARON mimicking Harold Cohen's style.



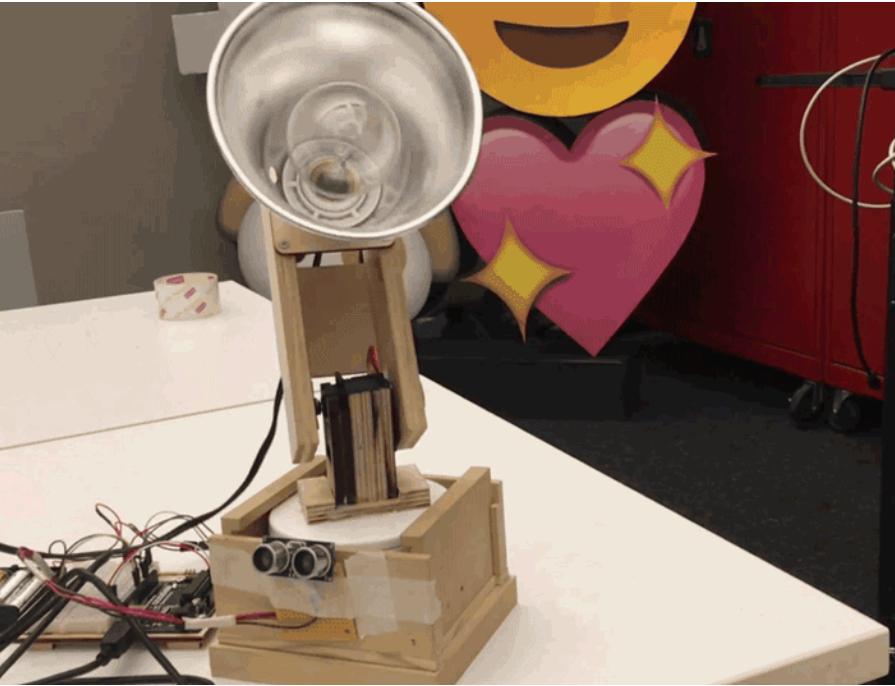
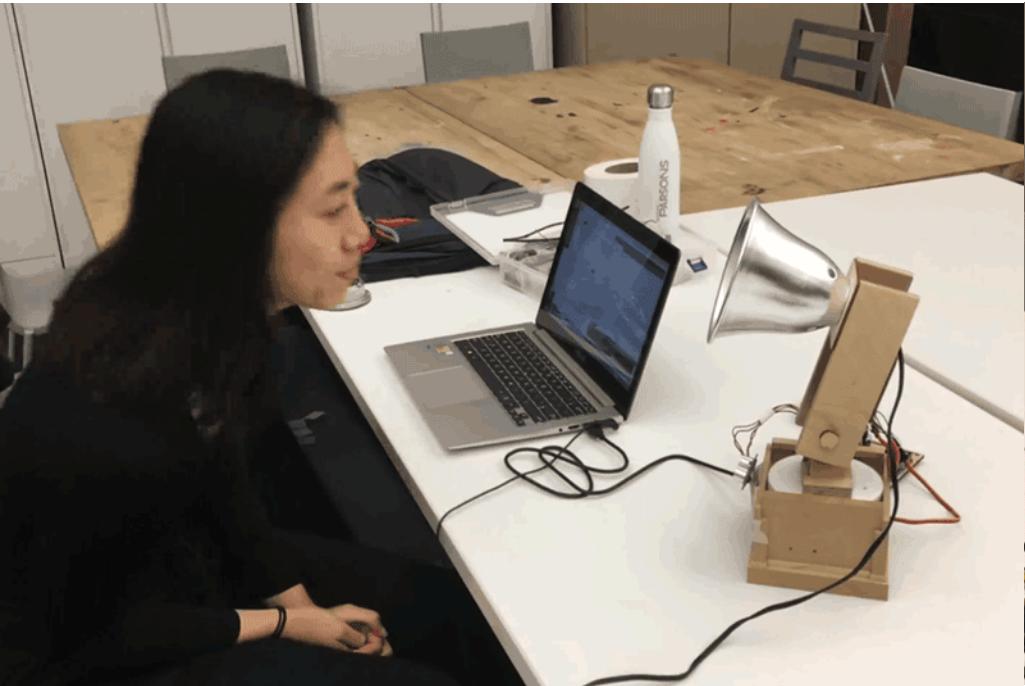
NSynth makes sounds from existing material.

# MACHINES WITH AURA OF MYSTERY



I'm not sure I understand you  
fully.

# MACHINES WITH HUMAN GESTURES

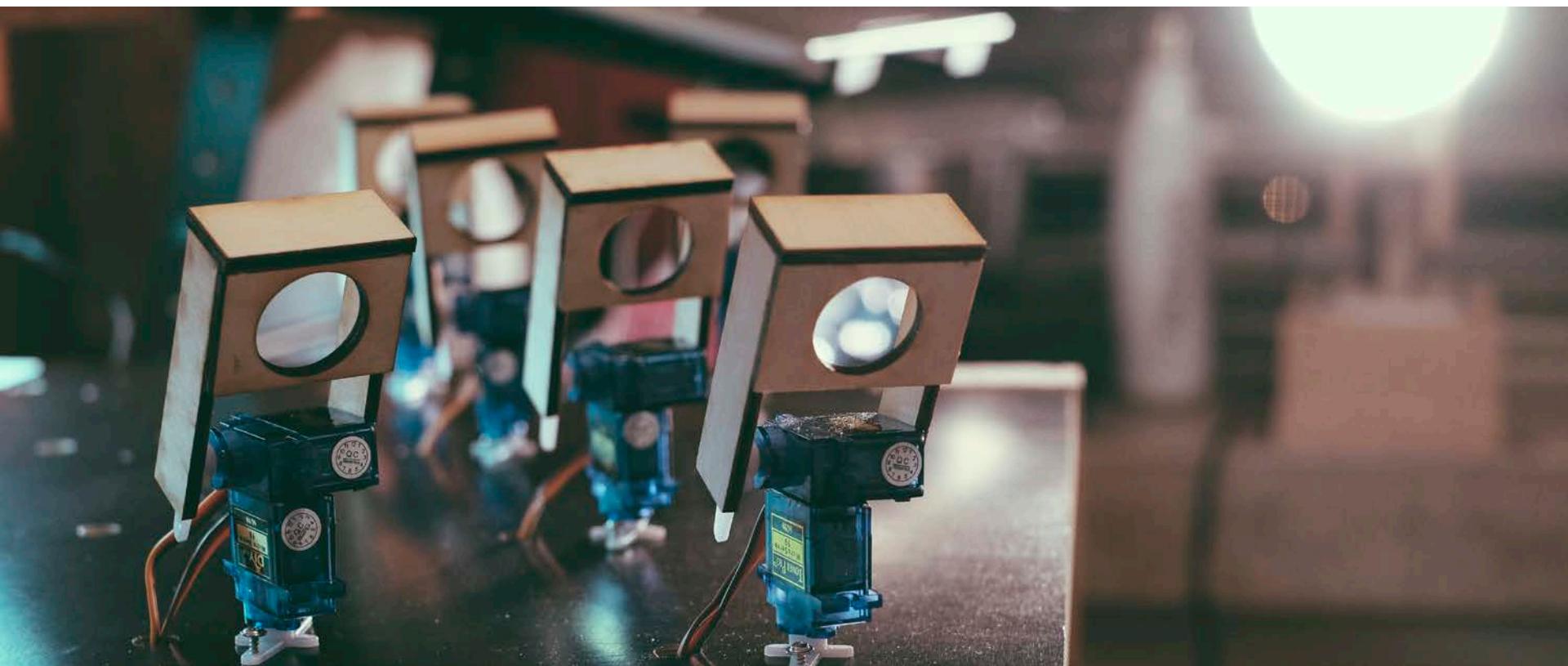


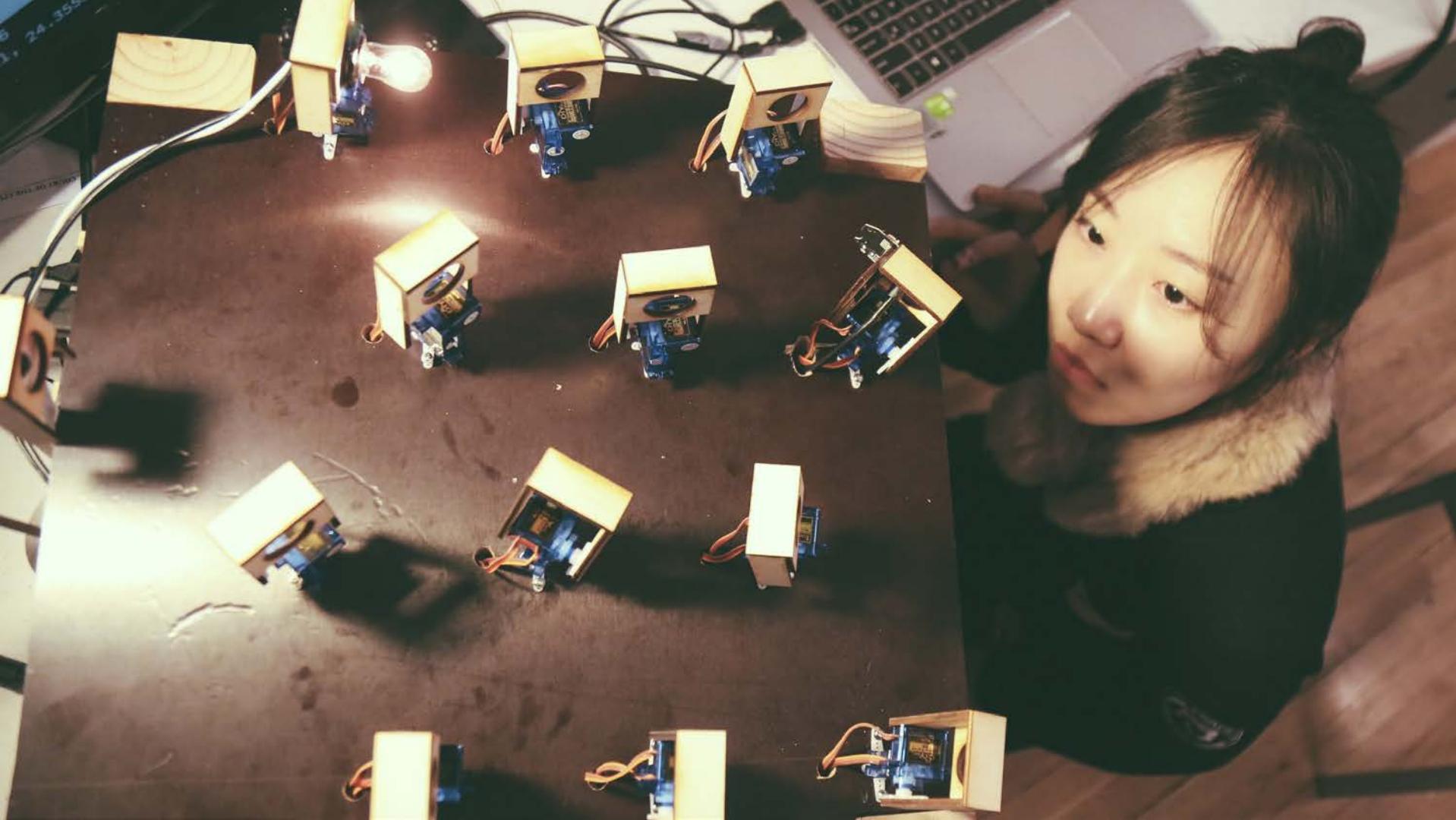


# SECRET LIVES OF MACHINES

2017

as told to RAY LC

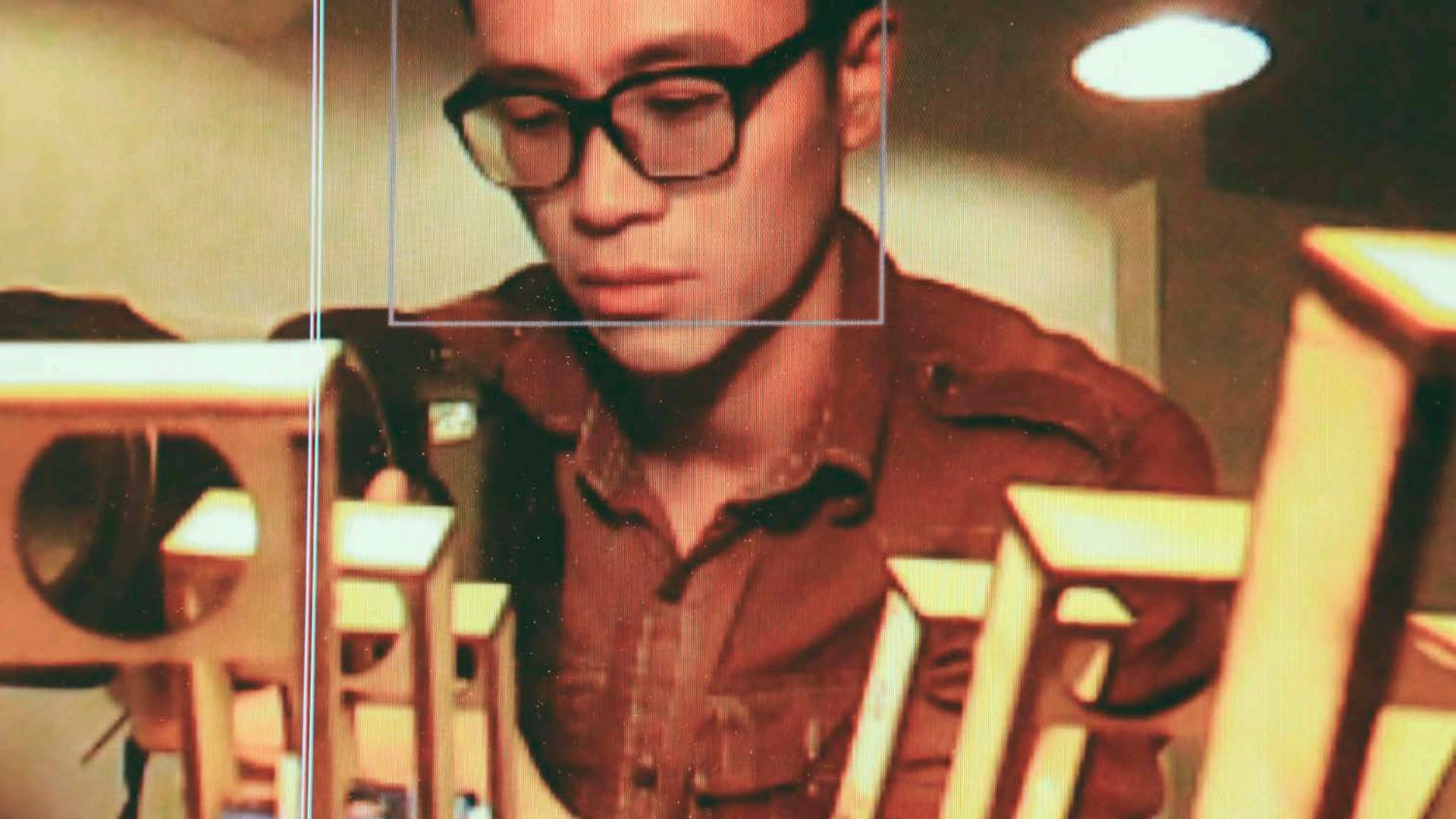




6, 24.355

# THE STARE: COLLECTIVE INTERACTIVITY





# MACHINE GAZE

as told to RAY LC

2019

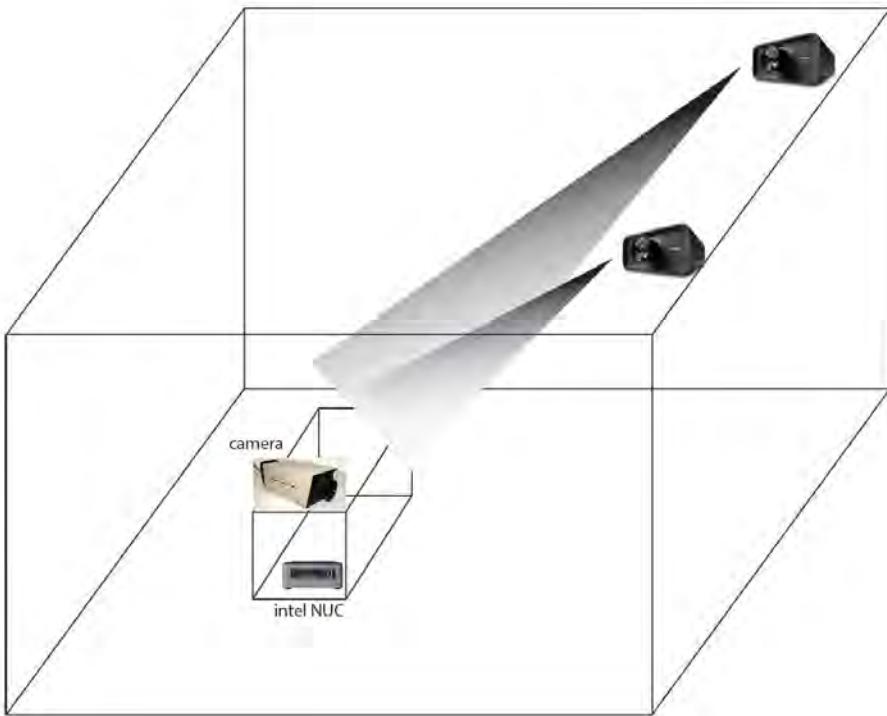
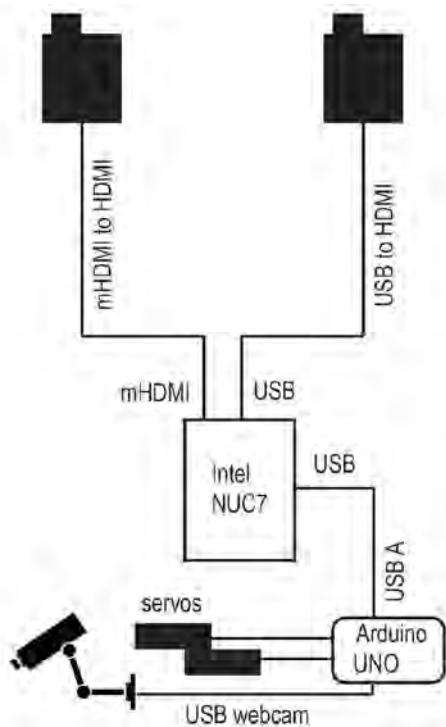




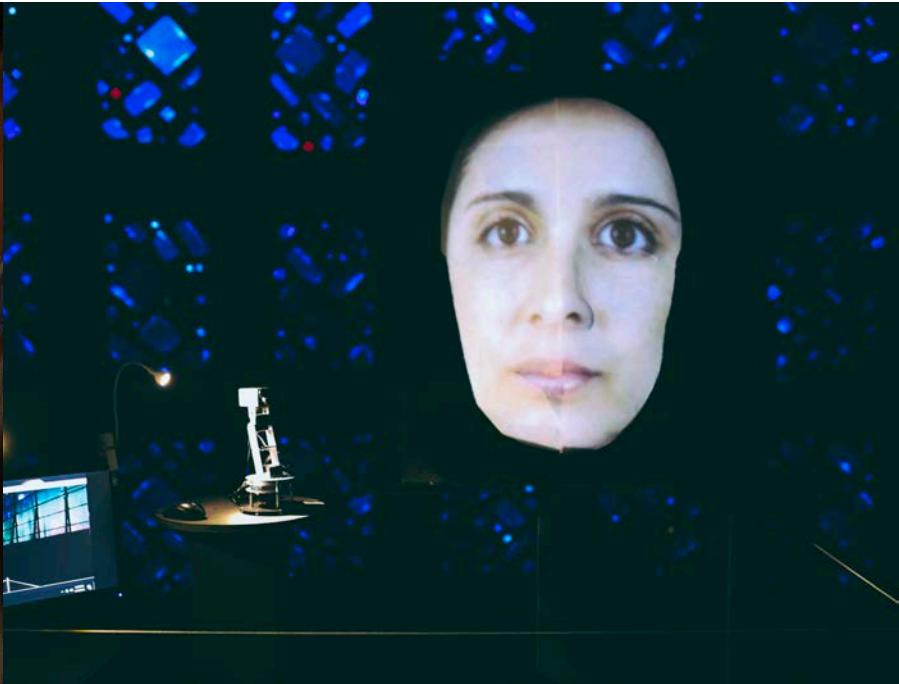
# A SURVEILLANCE CAMERA FROM THE 60s + COMPUTER VISION



# COUPLED TO SERVO CONTROL AND PROJECTION



# FACE PROJECTION ON SCULPTURE





# ARTISTIC INTELLIGENCE

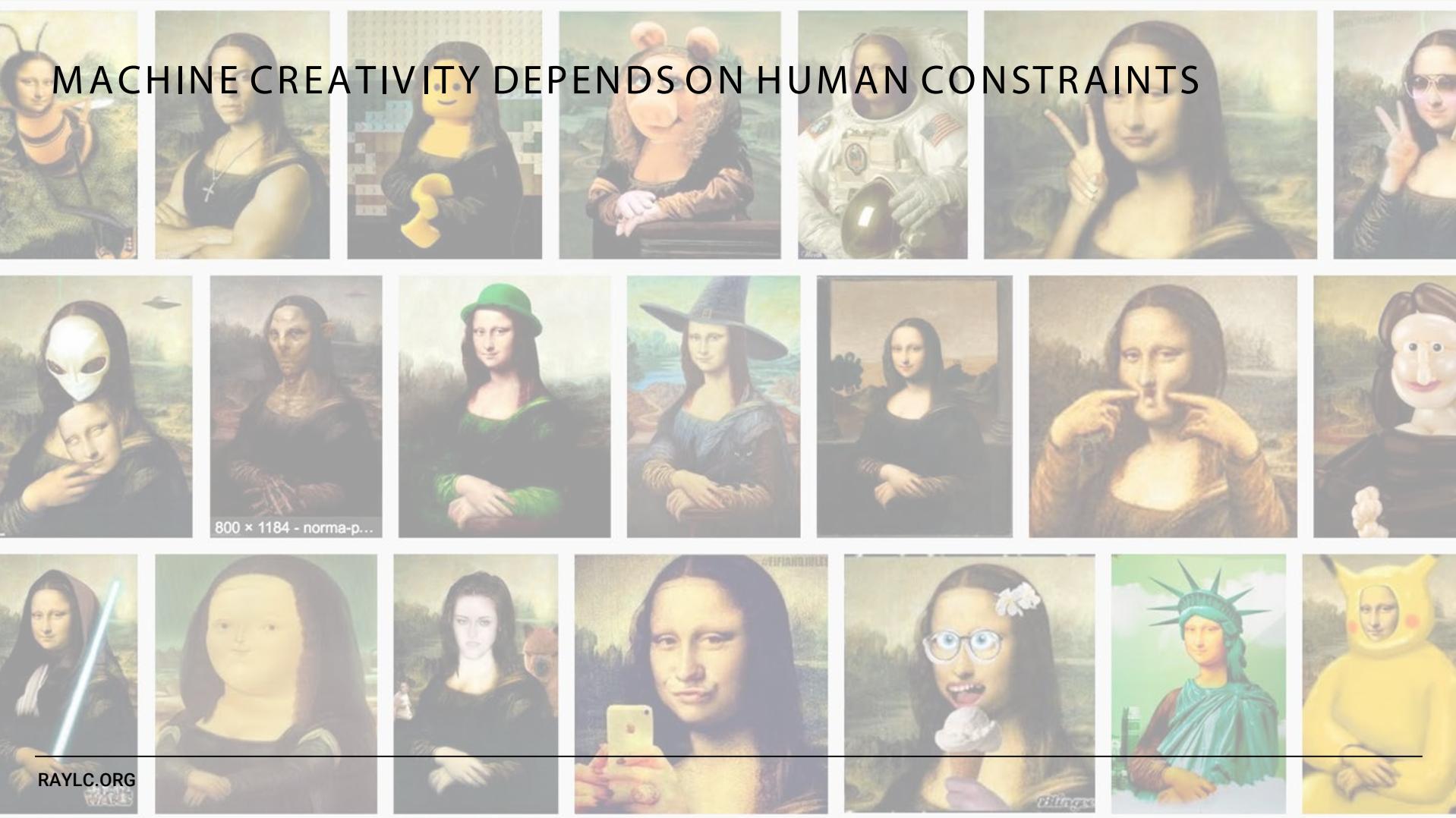
2018

as told to RAY LC





# MACHINE CREATIVITY DEPENDS ON HUMAN CONSTRAINTS



# CREATIVITY HAS TO SURPRISE



# THE ANTICIPATOR

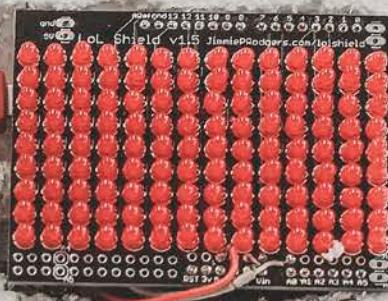
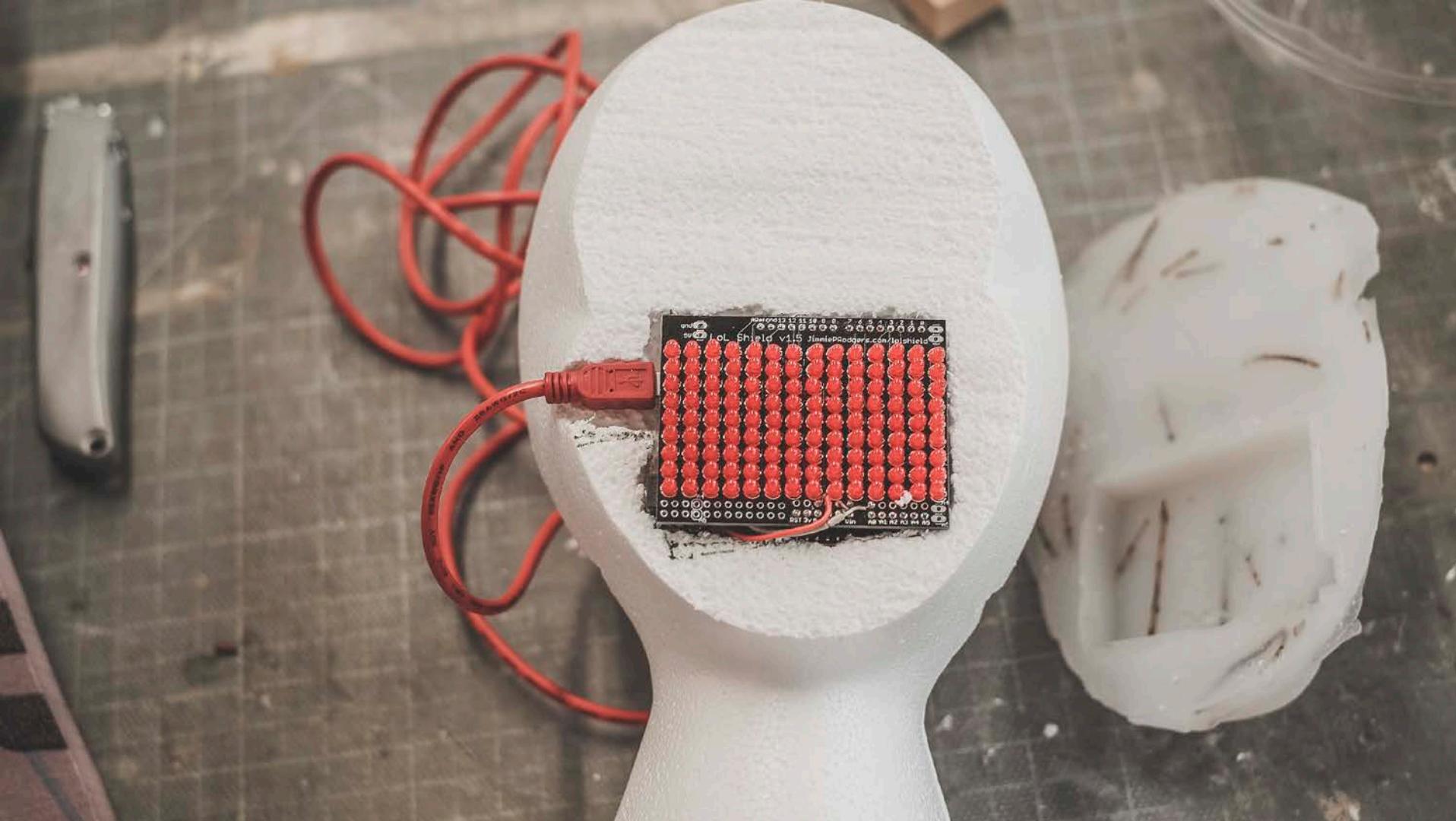


# THE ARGUER



# THE ANALYST





# LOOK AT ME, THINK OF ME

2018

as told to RAY LC and FIFI ZHANG





INFORMATION



SPEAKER



LISTENER



ATTENTION



# ATTENTION IS THE COMMODITY

we talk to gain attention to ourselves

but shouldn't we actually pay  
attention to get attention?



# INSPIRATIONS



Moritz Wehrmann's Alter Ego (2013) - schizophrenia



Ray LC & Fifi Zhang (2018) - speech and EEG interactivity

LOOK AT ME, THINK OF ME





# A CASE FOR PLAY: ROHINGYA REFUGEE EXPERIENCE

2019

as told to RAY LC, ANIKA ULLAH, and FABEHA MONIR





# FULLER PERSPECTIVE FROM DIVERSE MODES OF STORYTELLING



## DOCUMENTARY

Narrates the loss of child on  
the way from Myanmar,  
memory in Ramadan



## VR EXPERIENCE

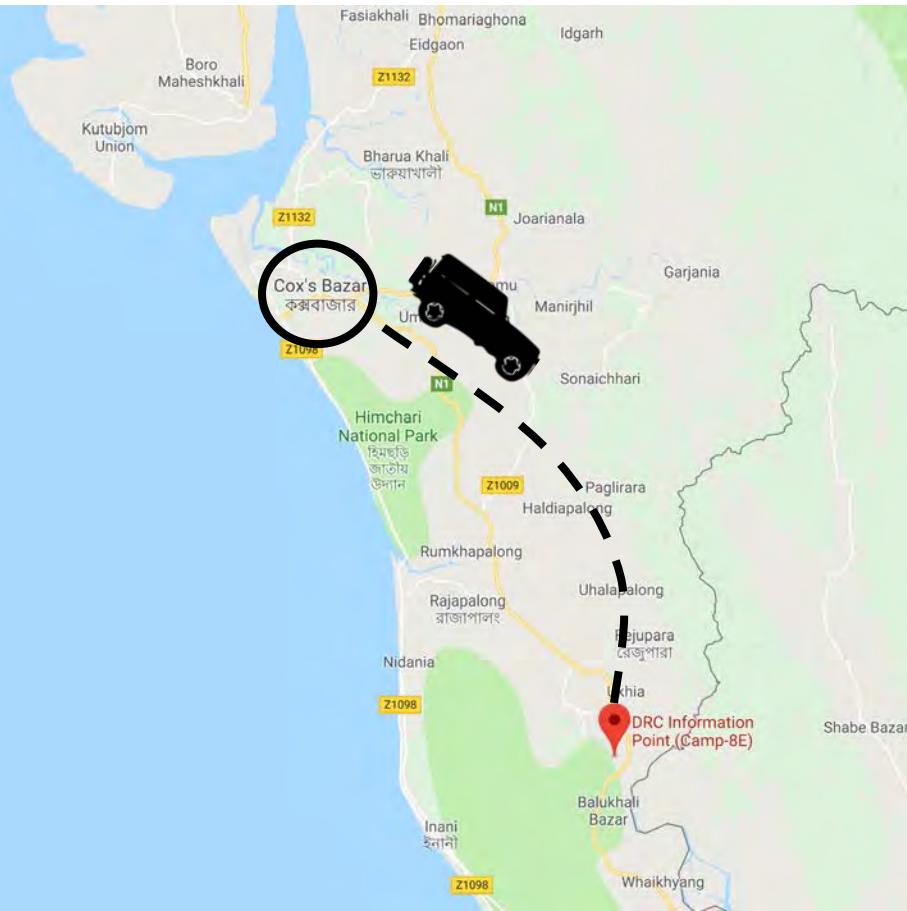
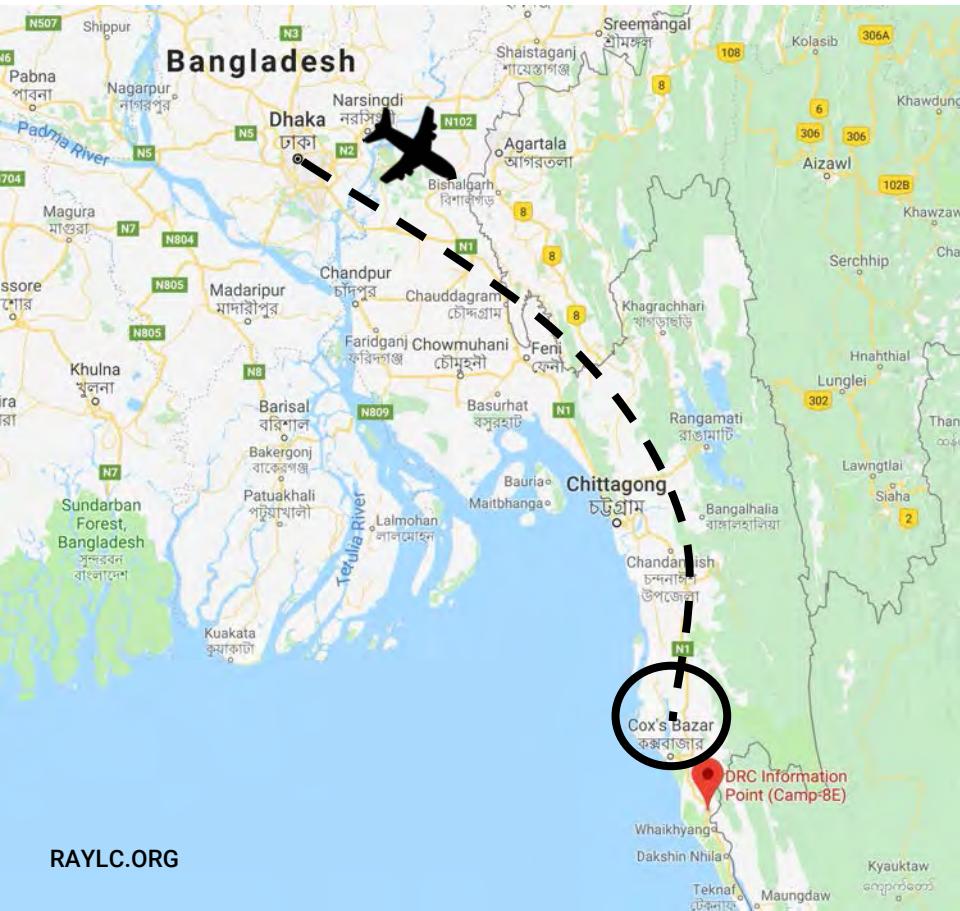
Rohingya child takes you  
around the camps in daily life  
activities



## EMPOWERMENT

Teaching refugees how to  
use phone and 360 camera  
to record and express

# JOURNEY TO ROHINGYA



# JOURNEY TO ROHINGYA



# FACES OF ROHINGYA



# FACES OF ROHINGYA



# CHILDREN OF ROHINGYA





# CREATIVE TECHNOLOGIES FOR SOCIAL GOOD



# REFUGEE EXPERIENCE: VR

static

agenda

hidden director/creator – objective?

sad – according to whom?

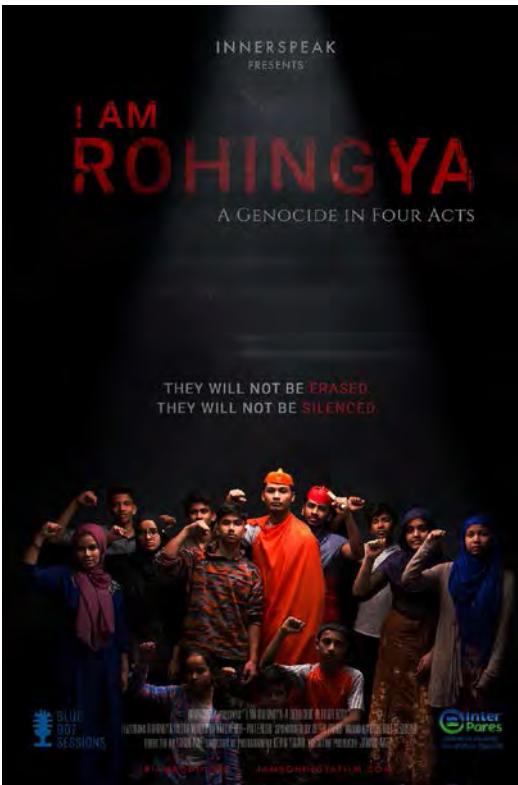
2D like movie

western music/sensibility

frequently dubbed



# REFUGEE EXPERIENCE: DIVERSE PERSPECTIVES



# A NEW LANGUAGE FOR A NEW MEDIUM

movement – perspective change

show the auteur - subjective

surprising sound – VR power in invisible

use their own voice and sound

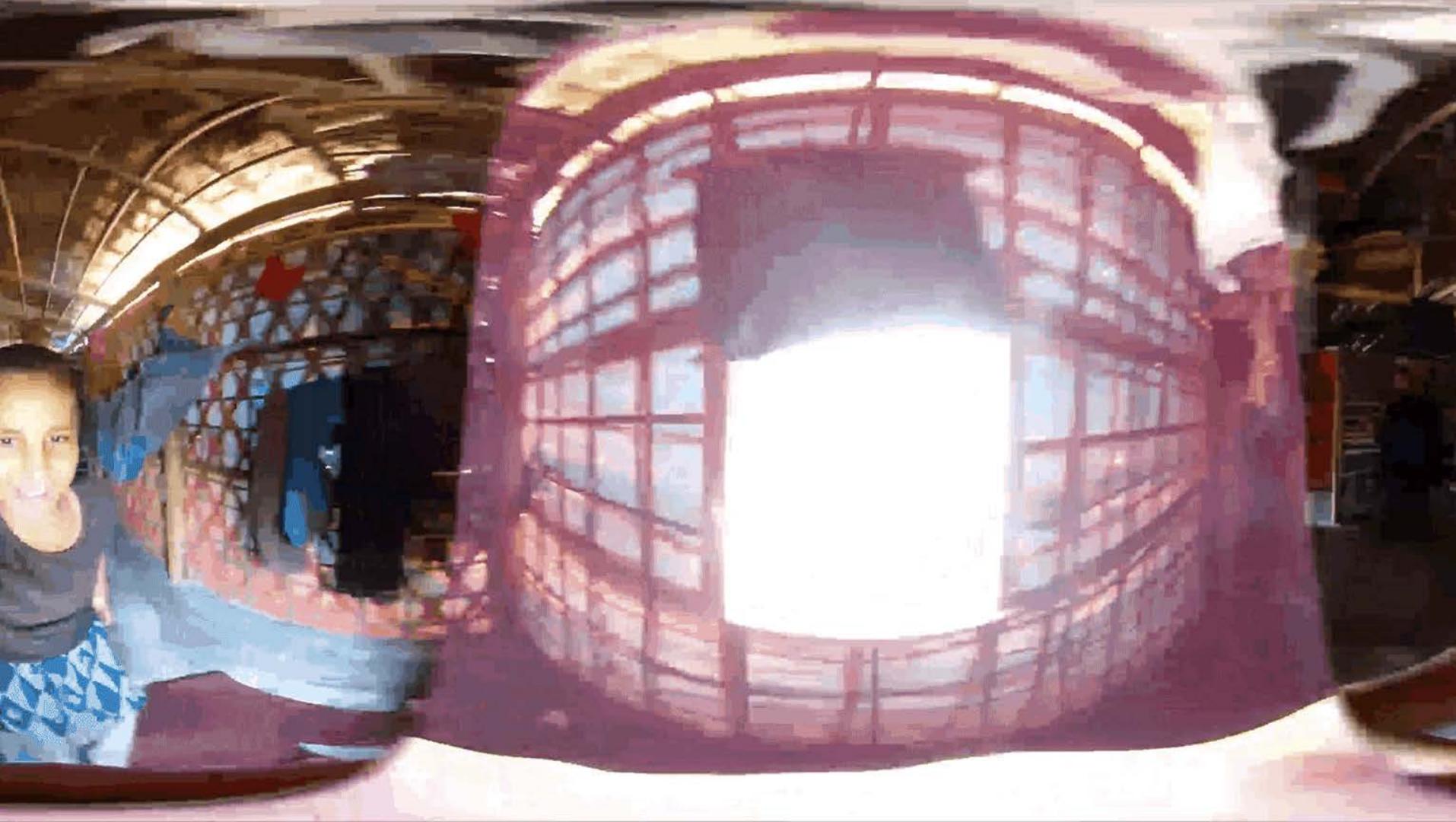
subtitle the viewer not the scene

expressive language over rendering









# WHAT WE LEARNED

frame narratives, not journalism

multiple projects, fuller story

communication by coop action

immersive film language based on:

MOVEMENT  
INTERACTION  
EXPRESSION



# WHAT WE REALLY LEARNED



# THANK YOU!

<http://www.raylc.org/>

Support by:

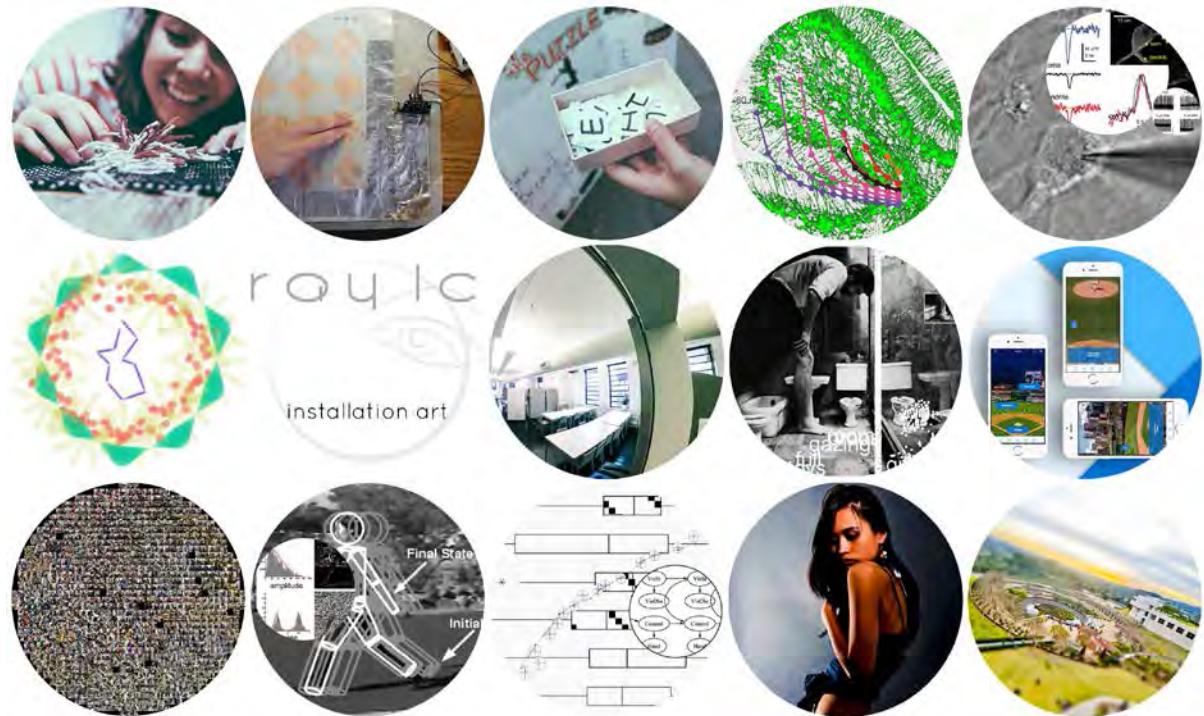
NYSCI Designer-in-Residence  
Parsons Provost Fellowship  
National Science Foundation  
Davis Peace Foundation

Acknowledgments:

Aaliyah Alibar, Alejandro Baez,  
Stefanie Torossian (Machine Gaze)  
Fifi Zhang (Look At Me)  
Anika Ullah and Fabeha Monir  
(Rohingya Refugees Experience)

Thanks to:

Catherine Katsafouros  
Amy Aronson



# CREATIVE FLOW: WEARABLE BEATS

2019

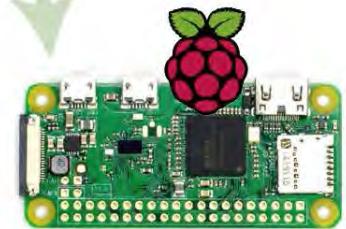
as told to RAY LC and BOWEN HU





# SYSTEM

live coding music  
+  
movement sensing  
=  
wearable composing



# SYSTEM

improvisation:  
music  
+  
dance



- Accelerometer /Sensor
- Raspberry Pi(Zero W) / Micro computer
- Mini portable battery

