



24HRS Erik Kessels 2011

10% of all photographs were created in 2013



*Sunsets* Penlope Umbrico  
2006 - ongoing

# On Exactitude in Science - Jorge Luis Borges

...In that Empire, the Art of Cartography attained such Perfection that the map of a single Province occupied the entirety of a City, and the map of the Empire, the entirety of a Province. In time, those Unconscionable Maps no longer satisfied, and the Cartographers Guilds struck a Map of the Empire whose size was that of the Empire, and which coincided point for point with it. The following Generations, who were not so fond of the Study of Cartography as their Forebears had been, saw that that vast Map was Useless, and not without some Pitilessness was it, that they delivered it up to the Inclemencies of Sun and Winters. In the Deserts of the West, still today, there are Tattered Ruins of that Map, inhabited by Animals and Beggars; in all the Land there is no other Relic of the Disciplines of Geography.

—Suarez Miranda, Viajes de varones prudentes, Libro IV, Cap. XLV,  
Lerida, 1658

# COMPUTATIONAL PHOTOGRAPHY

## within artistic practice

# LOOKING OUTWARD

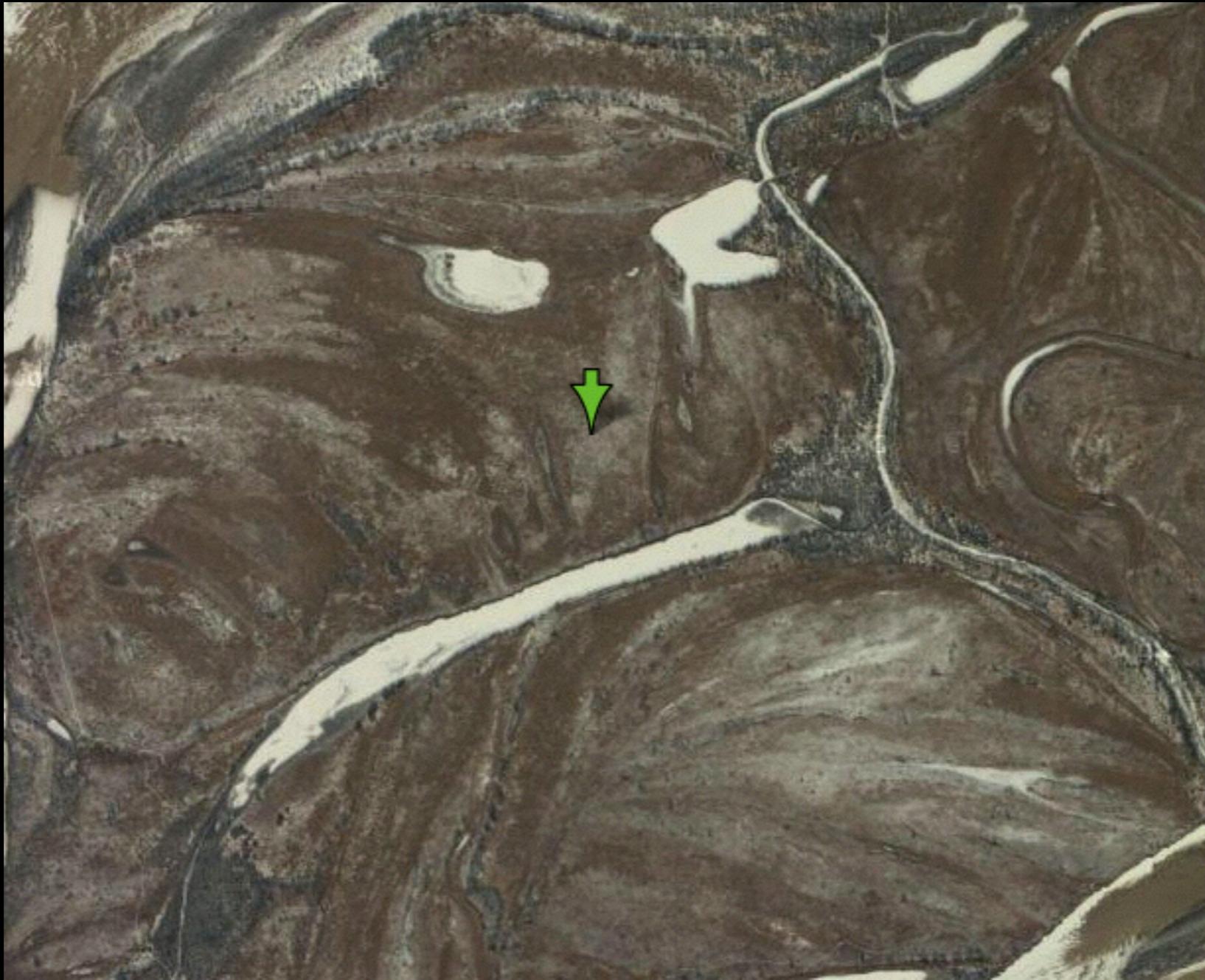


Tiny World panorama New York City

# 9-Eyes Jon Rafman 2011



# Google Faces - Cedric Keiffer 2013



An independent searching agent hovering the world to spot all the faces that are hidden on earth.

# Postcards from Google Earth Clement Valla 2010



# Hyperlapse Teehan-Lax 2013





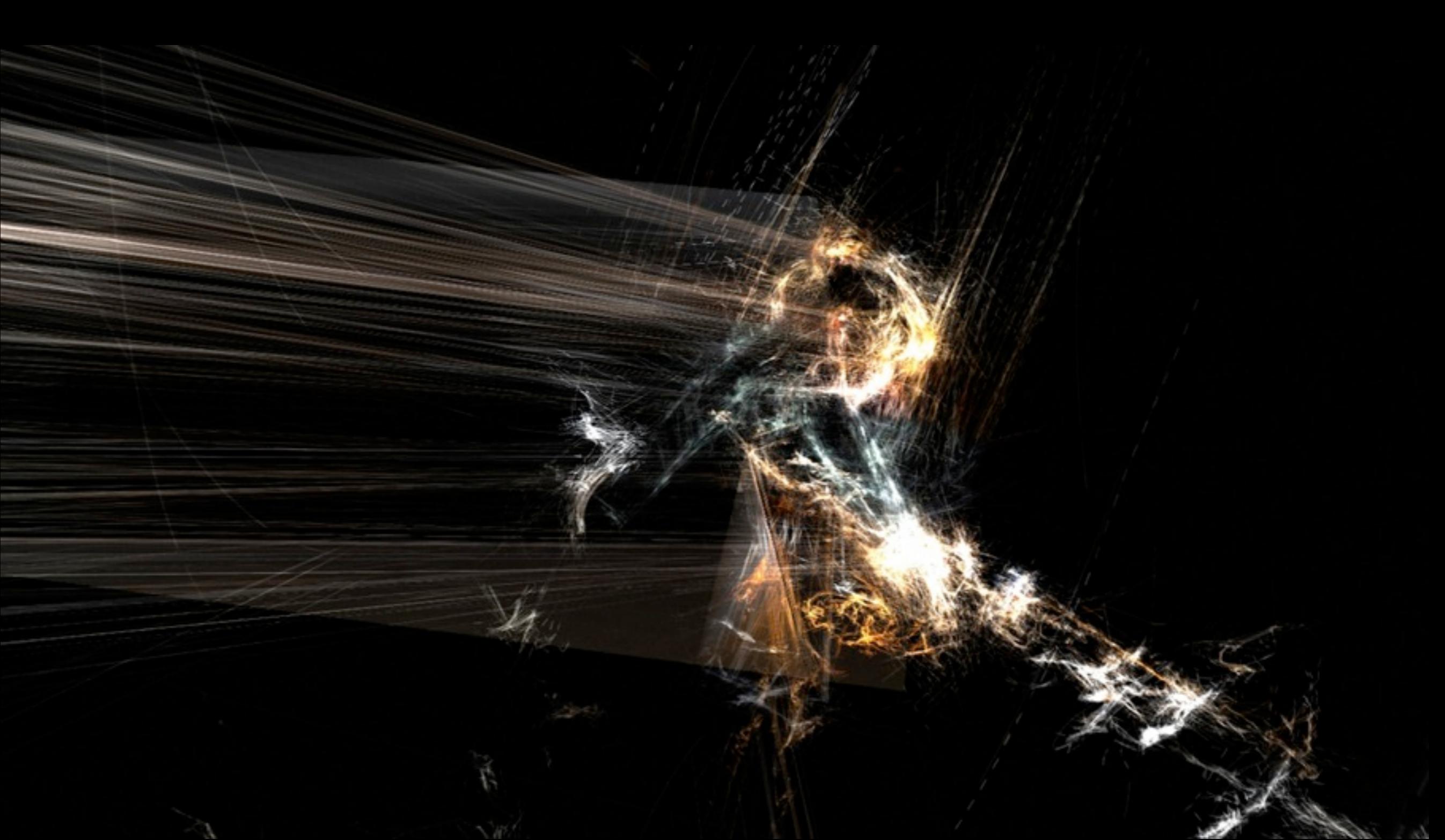
*Frozen Relics*  
ScanLab Projects 2013

# LOOKING INWARD



*Triple Portrait of E.  
Sophie Khan 2013*

3D Print from 3D laser scan



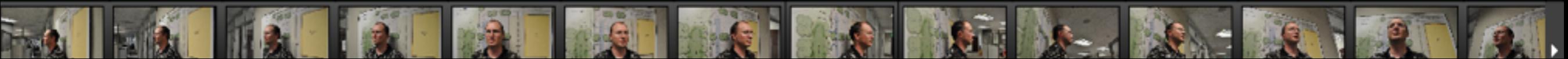
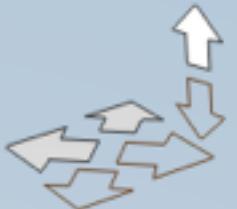
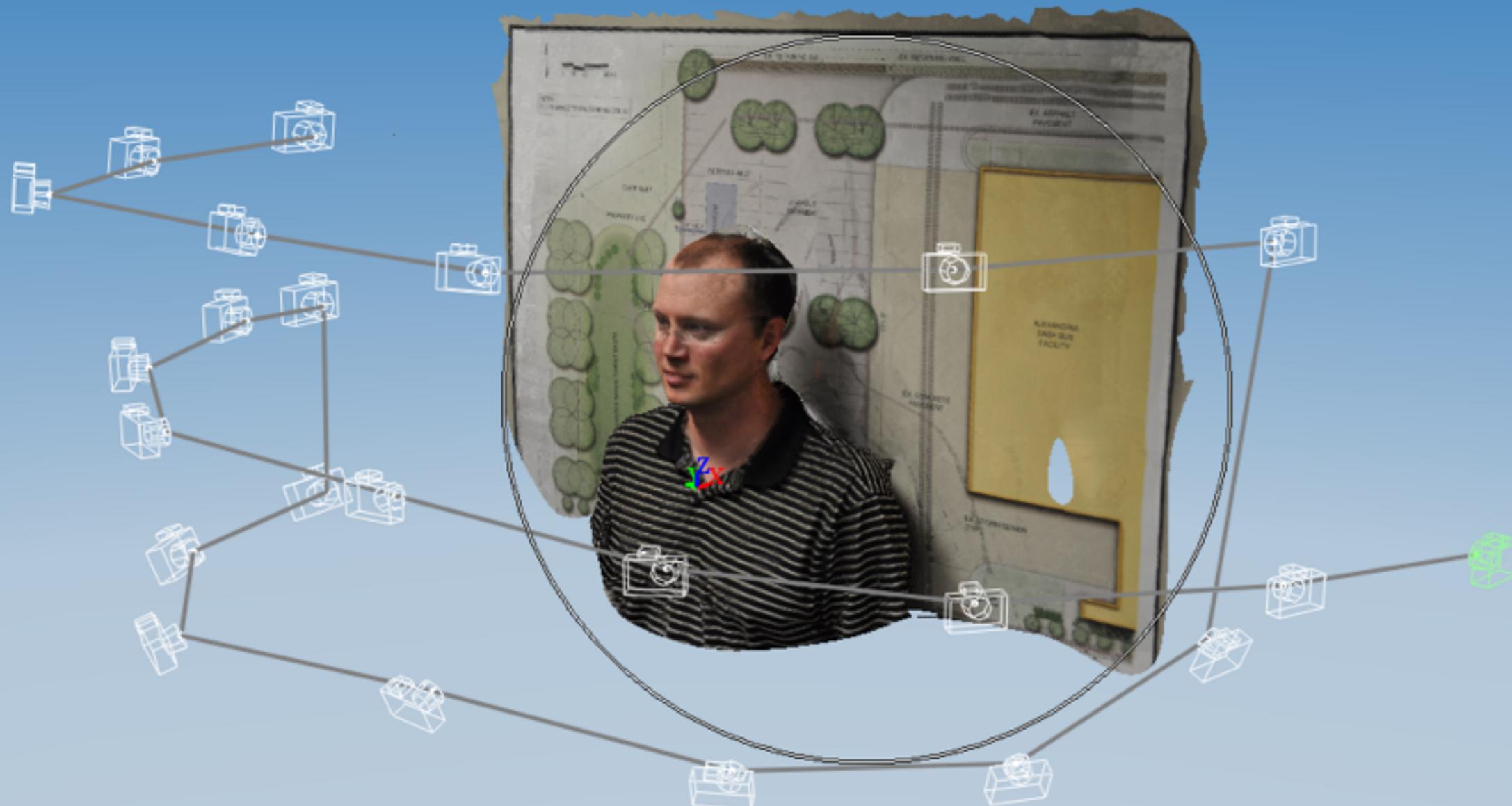
Upending  
OpenEnded Group 2010  
3D Cinema

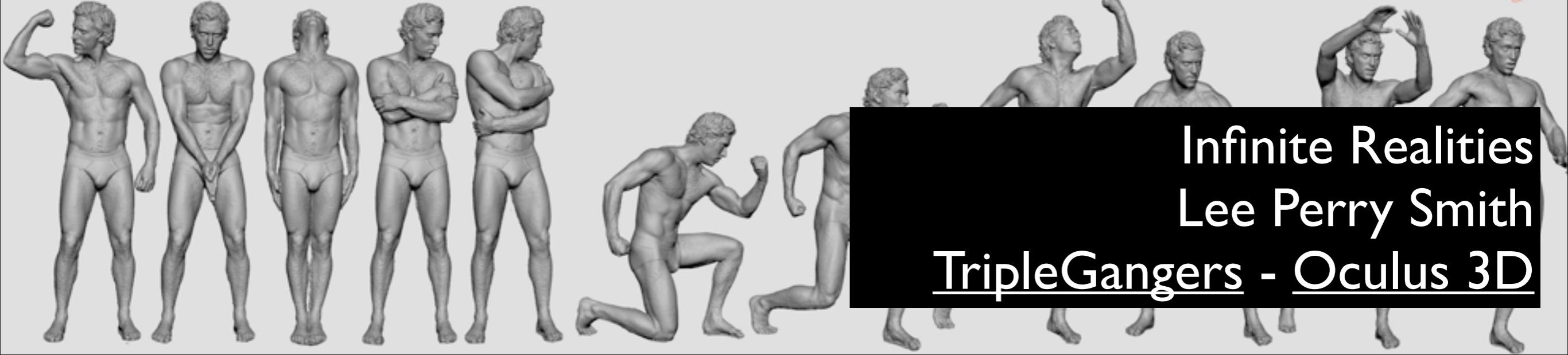


Autodesk 123d Catch

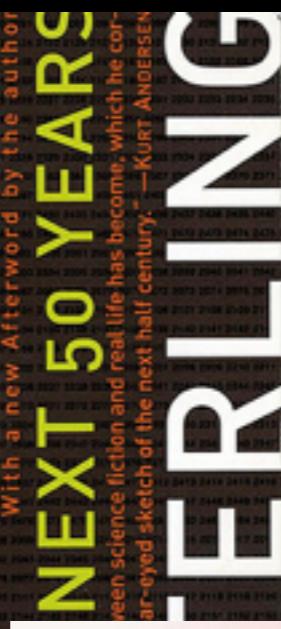
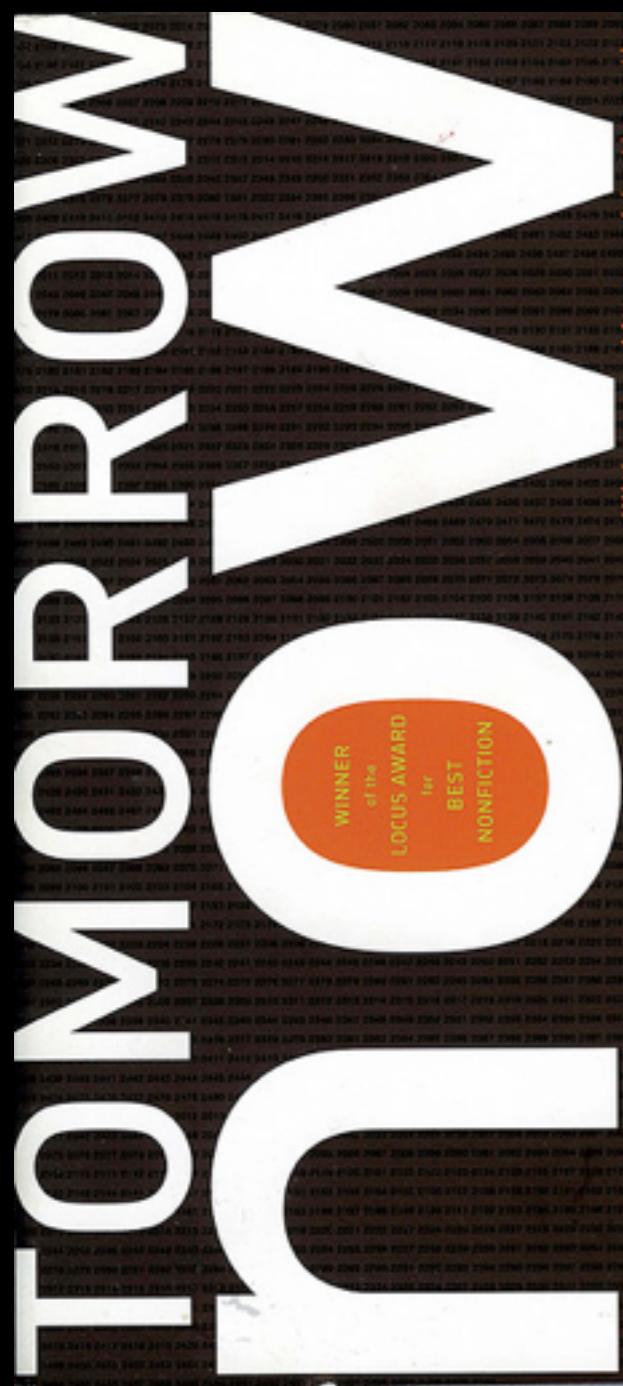


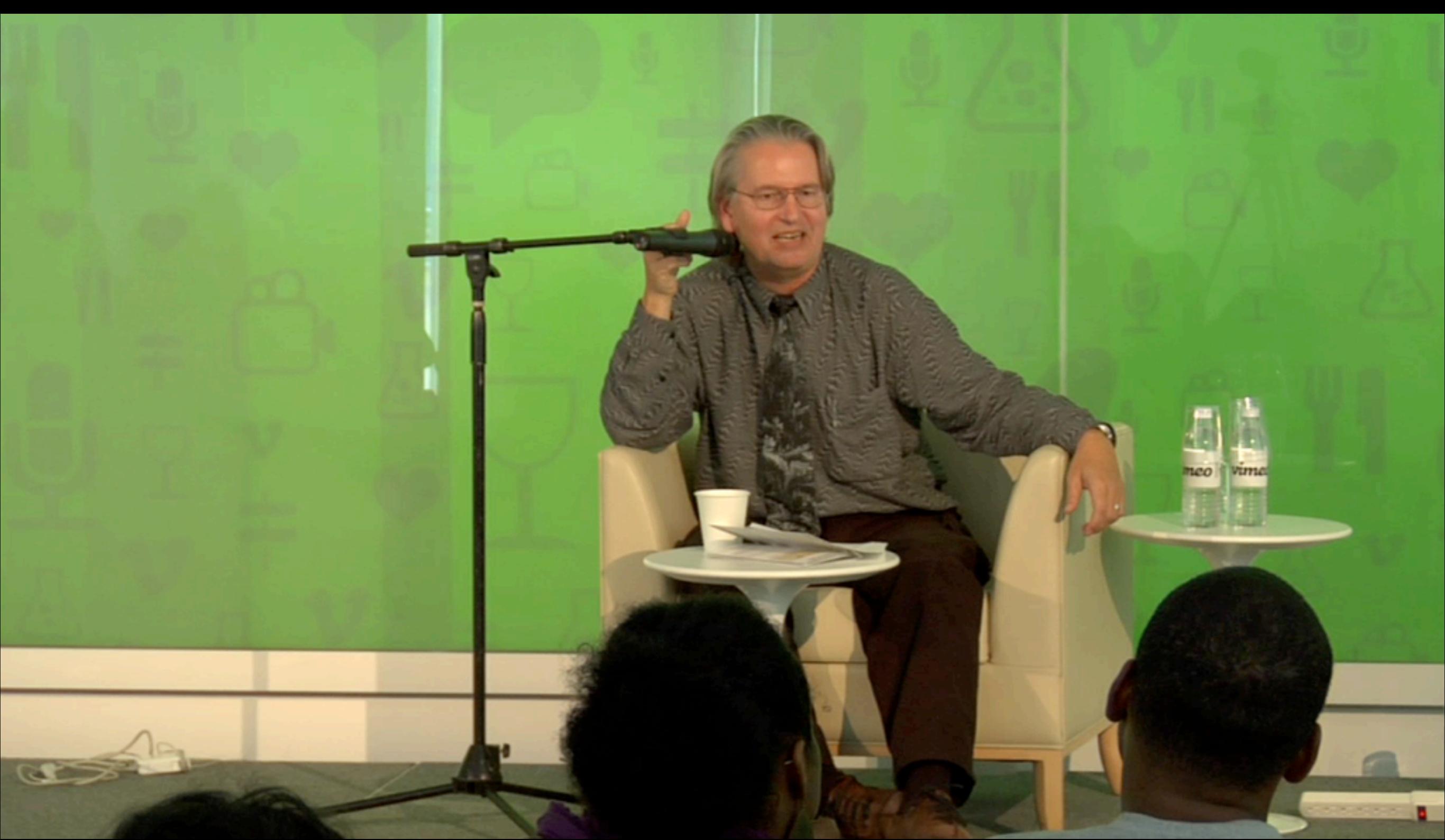
# Autodesk 123d Catch





Infinite Realities  
Lee Perry Smith  
TripleGangers - Oculus 3D





# BRUCE STERLING

Vimeo Awards Keynote October 2010

# Microsoft Kinect - November 2010



iFixit

Kinect Dissection via Tom's Guide



image by Kyle McDonald



photo: Mike Kuniavsky



6

Uptown & The Bronx

photo: Mike Castle

12 technological savvy. The point is that anybody  
13 could have installed cameras. The point behind  
14 the Lockheed contract, based on the MTA's own  
15 testimony, was what we have called the artificial  
16 intelligence system. It's the system that the MTA  
17 greatly publicized in the media. We all I think  
18 will still remember the news reports about how  
19 there was going to be a piece of luggage left on a  
20 subway platform and then somehow the computers

14 personally. The MTA highlights all these great  
15 things and then there is no follow through, or the  
16 follow through is a failure. What's happened with  
17 this Lockheed contract is a failure. The system  
18 doesn't work. This committee warned that the MTA  
19 has not finished determining whether the system  
20 worked. We thought that it was premature to  
21 commit so much money. At the time it was I  
22 believe \$212 million. Now we hear that the MTA







DepthEditorDebug - w/ Alexander Porter



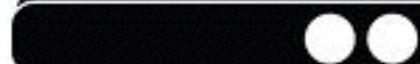
DepthEditorDebug - w/ Alexander Porter



DepthEditorDebug - w/ Alexander Porter



# ART && CODE3D



## DIY 3D SENSING && VISUALIZATION

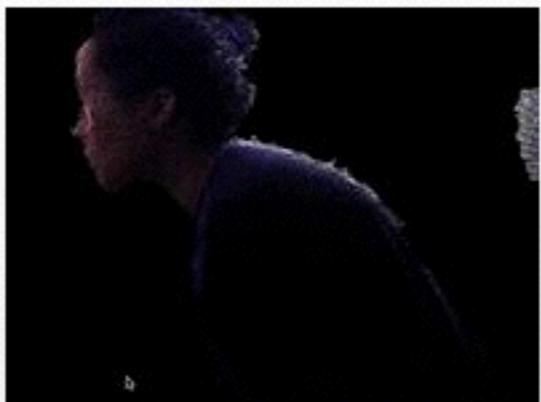
The Frank-Ratchye  
**STUDIO**  
for Creative Inquiry







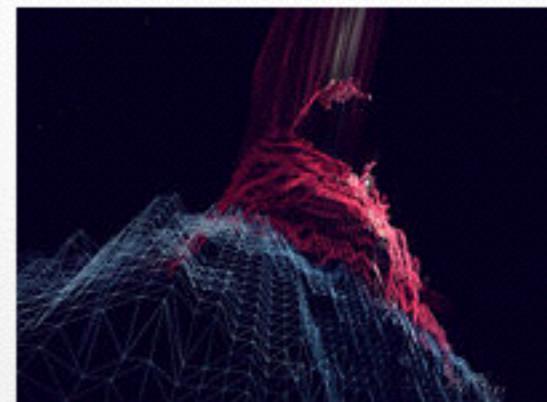
The RGBDToolkit  
Imagine the future of Filmmaking



RGBDKinect\_Test\_1



CLOUDS: Bruce Sterling



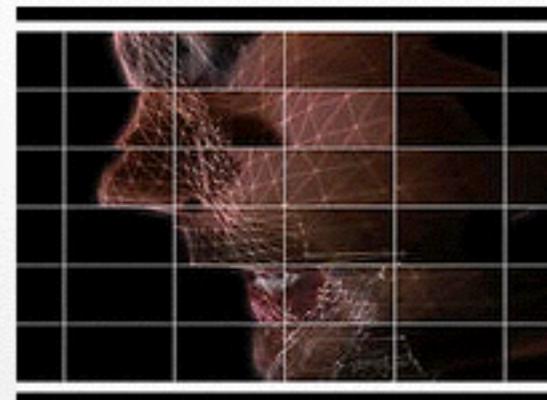
Twisted Vision - Kinect experiment



Benediction



Gotham Project: Projection Video



Airwaves



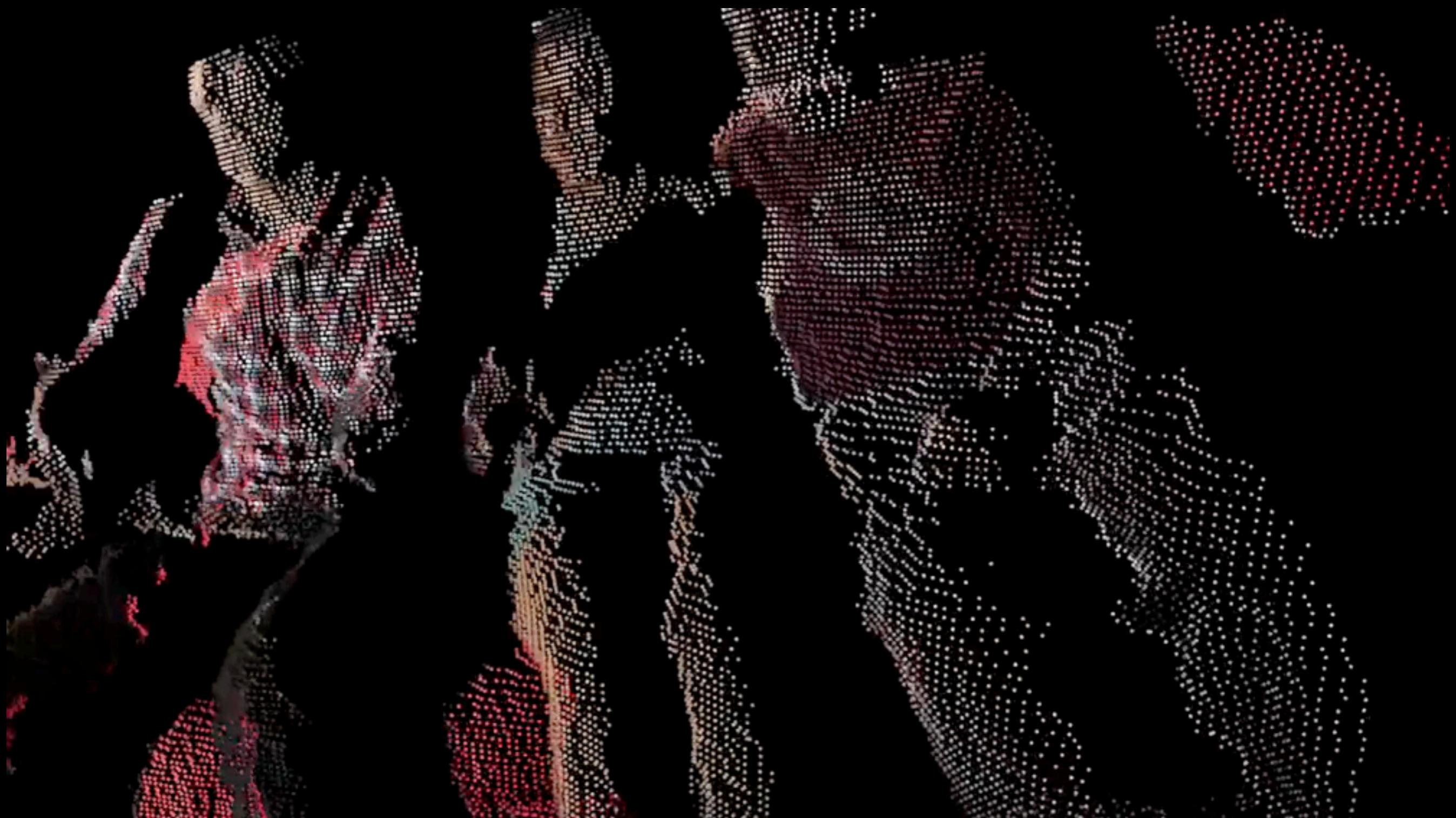
Kinect.Dance.



"YSCAN" Video Loop



Asterism | HaKU



RGBDToolkit Community projects <http://www.rgbdt toolkit.com>

[ANIMAL](#)[FEATURES](#)[VIDEO](#)[ART](#)[CITY](#)[MUSIC](#)[LIFE](#)[POLITICS](#)[INTERNET](#)[ADULT](#)[SEARCH](#)

vevo



---

## EMINEM'S NEW VIDEO USES THE FREE OPEN-SOURCE #RGBDTOOLKIT

By [Marina Galperina](#) | November 27, 2013 - 03:57PM

A photograph of Bruce Sterling, a middle-aged man with glasses and grey hair, wearing a light-colored button-down shirt. He is seated at a table, looking slightly to his right with a thoughtful expression. A small orange pin is visible on his left lapel.

Bruce Sterling  
CLOUDS

Thank You  
James George  
@obviousjim