

# **Interactive Media Art**

**Human ↔ Machine**

# LOOKING AT THE EXAMPLES FROM KEY ASPECTS OF INTERACTIVE MEDIA

CREATIVE (CONCEPTS, THEMES, IDEAS)

TECHNICAL (SOLUTIONS, PROCESSES)

AESTHETIC (FORMAL, EXPERIENTIAL)

EXPRESSIVE (COMMUNICATION, ENGAGEMENT)

**CREATIVE**

**CONCEPTS, THEMES, IDEAS**



Portrait on the Fly  
Live

©2015, Laurent Mignonneau  
& Christa Sommerer

**Christa Sommerer & Laurent Mignonneau - 2015 - Portrait on the Fly  
Artificial contour formation through naturally "behaving" agents/pixels.**



**Daniel Rozin - 1999 - Wooden Mirror (Motoristic Sculpture Series)**  
**Interactive portrait with unconventional pixels.**



**REFACE:  
Portrait Sequencer  
Tmema / 2007**

**Golan Levin & Zachary Lieberman - 2007-2010 - Reface (Portrait Sequencer)**

**Composing accumulated portrait segments by facial expressions.**

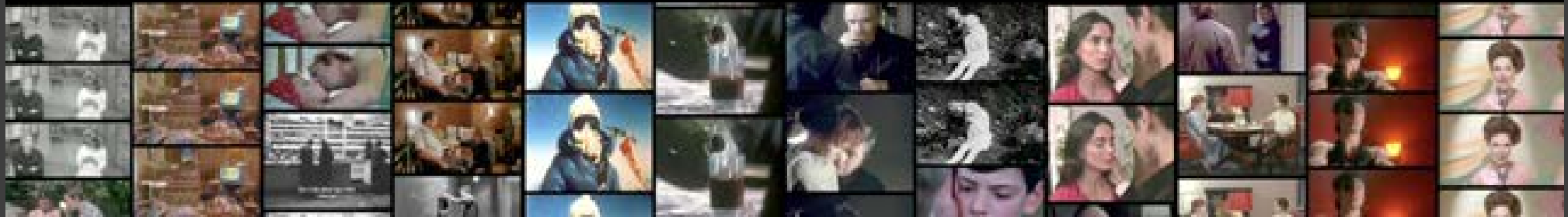
**TECHNICAL**

**SOLUTIONS, PROCESSES**



# Julian Palacz

algorithmic search for love



**Julian Palacz - 2010 - Algorithmic Search for Love**

**Automatic/generative supercut makes the output/reaction (un)predictable.**

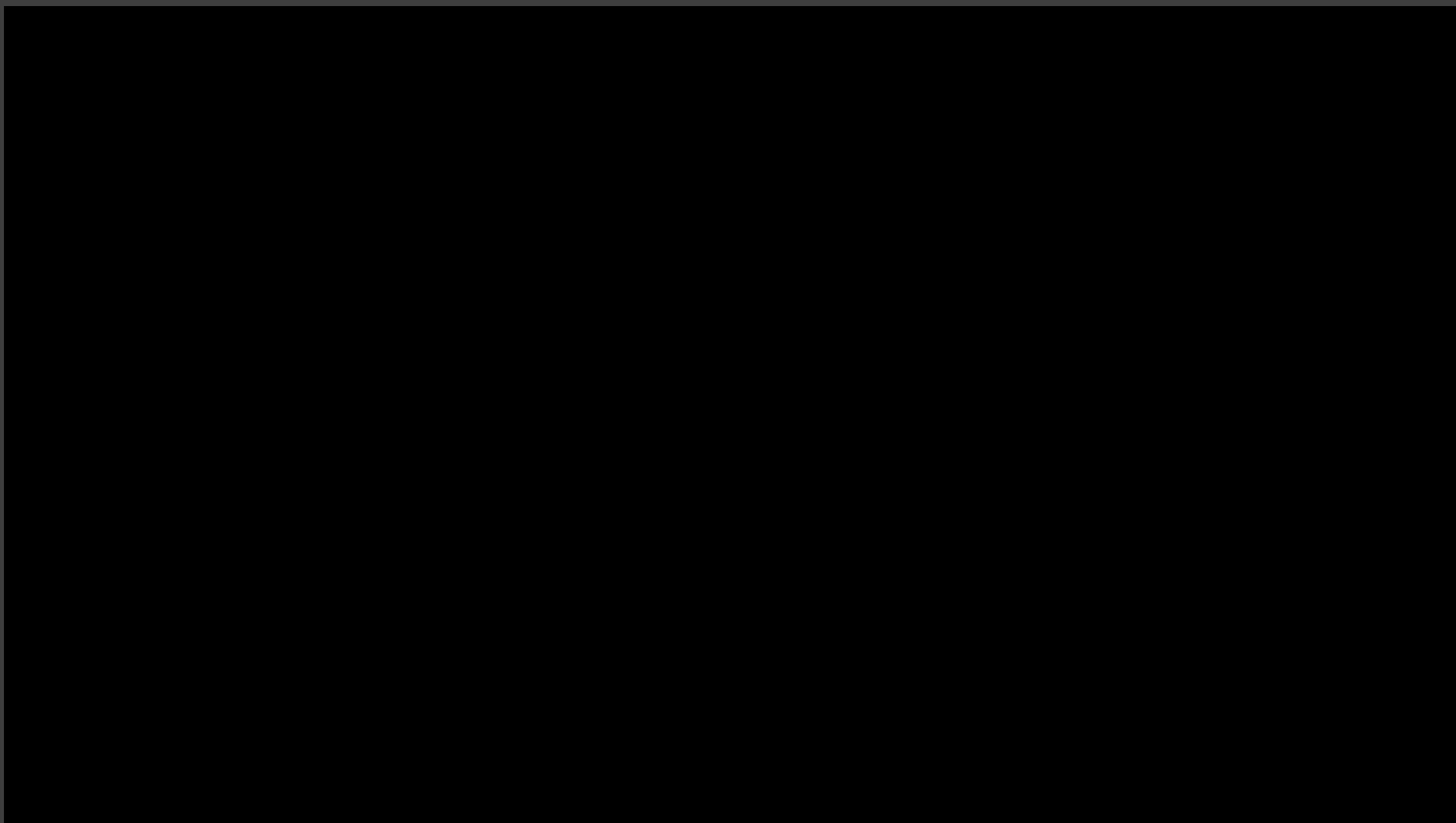




**Sven König - 2006 - sCrAmBlEdHaCkZ!**

**Sound-driven generative AV supercut. Pre AI, no training.**

**Conceptual potential wasted on VJ-ng.**



**Pablo Palacio, Daniel Bisig & Muriel Romero - 2016 - Piano and Dancer**

**Via accelerometer system, dancer intercats with harmonized generative music software which controls electromechanical acoustic piano Disklavier (MIDI+solenoids).**

**AESTHETIC**

**FORMAL, EXPERIENTIAL**



**rAndom International - 2012 - Rain Room**

**Minimal, counterintuitive, emotionally powerful.**



**R. Luke DuBois - 2014 - Take a Bullet for This City**

**Monitors the New Orleans 911 open channel for the "Discharging Firearm" reports.**

**2262 calls in 2014.**

**Minimal, unpredictable, powerful (frightening, dangerous).**

**EXPRESSIVE**

**COMMUNICATION, ENGAGEMENT**



# Blind Self Portrait

Kyle McDonald and Matt Mets

**Kyle McDonald & Matt Mets - 2012 - Blind Self Portrait**

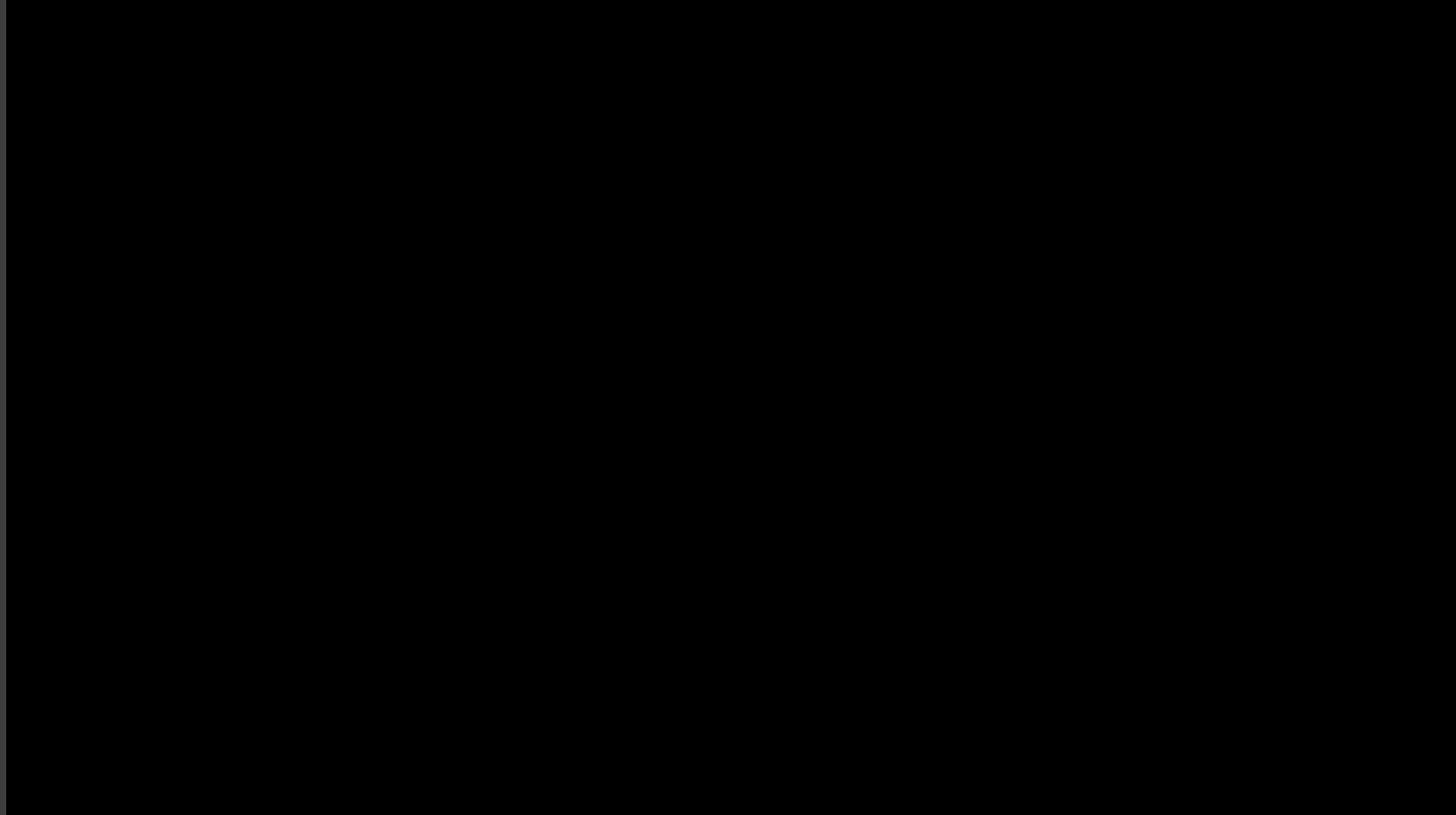
**CV starts drawing on sitter's eyes closed. Passive participation, trust, surprise.**



**Rafael Lozano-Hemmer - 2015 - Level of Confidence**

**System matches visitor's face w. photos of 43 kidnapped and still missing students from Ayotzinapa normalista school in Iguala, Guerrero, Mexico. Intensive humane empathy/sympathy in portrait, politically motivated.**





**Kyle McDonald - 2013 - Sharing Faces (Anyang, Korea – Yamaguchi, Japan)**

**In each city, system matches visitor's expression+pose w. photos of visitors in other city.**

**Intensive humane empathy/sympathy throug animated pose+facial expression.**

# TAKEAWAYS

**SUCCESSFUL IM PROJECTS TRANSCEND OR CIRCUMVENT  
THE DIFFICULTY TO EMULATE INTERACTIVE SPONTANEITY  
IN NON-BIO SYSTEMS**

**THEY DEFINE NEW INTERACTIVE FORMS/SITUATIONS  
TO ENGAGE THE AUDIENCE**

**NEW WAYS OF THINKING SPECIFIC FOR NEW MEDIA  
OPEN NEW GROUNDS FOR CREATIVE (ART/TECH/SCI)  
RESEARCH**

**THANK YOU!**

