

HUMAN LIKES

Digital art

Stéphane Bissières

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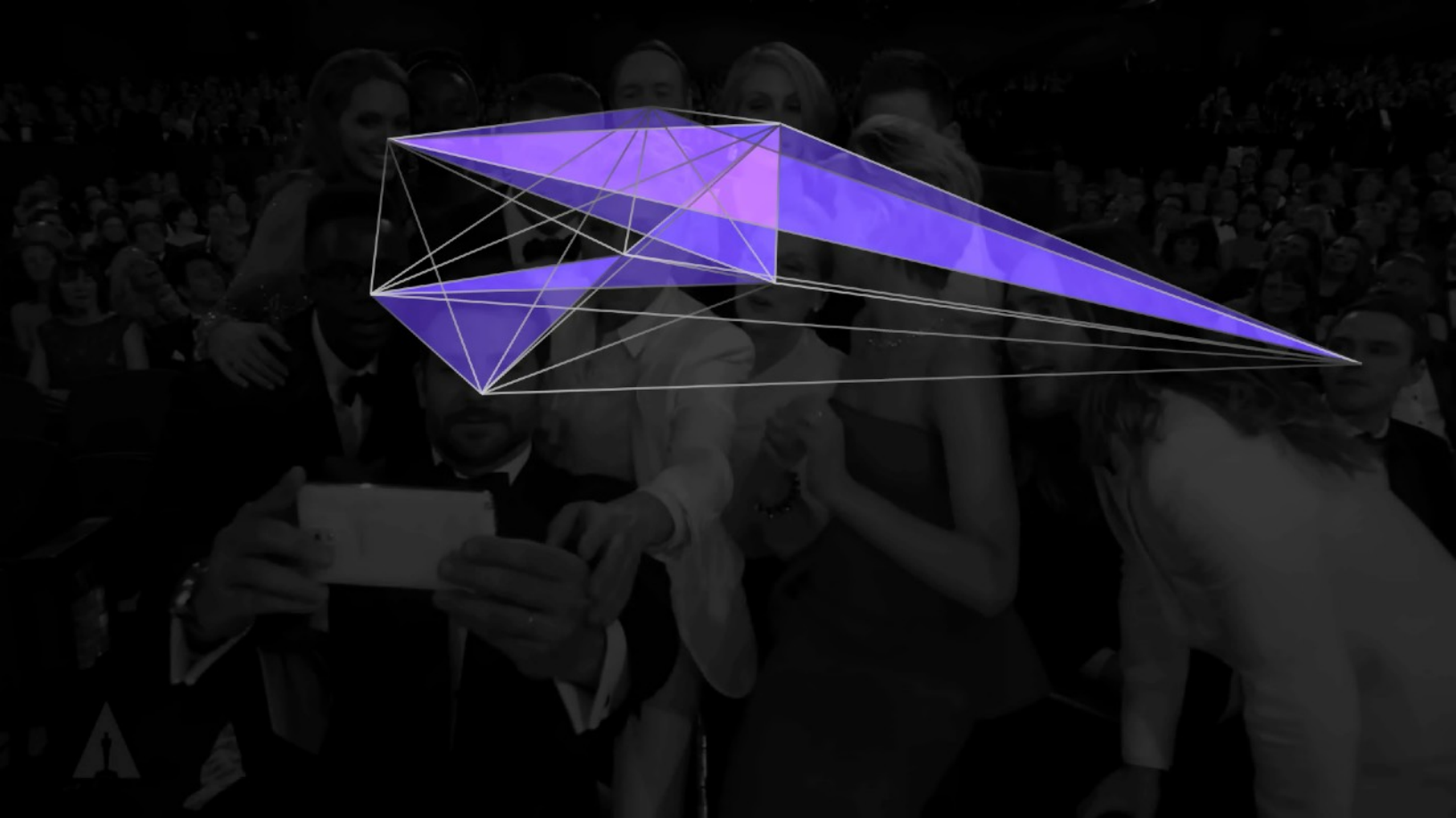
Site & documentations > www.stephanebissieres.com/humanlikes

Video > <https://youtu.be/vvLXSvMDVa8>

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I - Presentation

Human likes uses Augmented Reality to create link between strangers. The interaction is based on a face detection device used to design a visible interface between different observers.

Beyond the playful side, the installation talks about the ambiguity of a video surveillance society which one can hardly escape, with data extraction everywhere. It is about computer vision and how are we seen by the machine. Simply observe to enter the network and be interconnected in realtime to other observers.

The projected image is a video mirror. The device detects the faces of the spectators and interconnects them in real time, following their movements. Every observer enters the network and becomes a participant of the installation. The installation creates link between strangers while playing of the ambiguity of a self-surveillance society which one can hardly escape. Never alone, the individual is seen as a sum of data connected to those around him.

It is programmed via the software "Quartz Composer. A face recognition algorithm is associated with a video synthesis engine that directly connects the faces between them. The created polygon reflects in real time the positions and movements of the spectators.

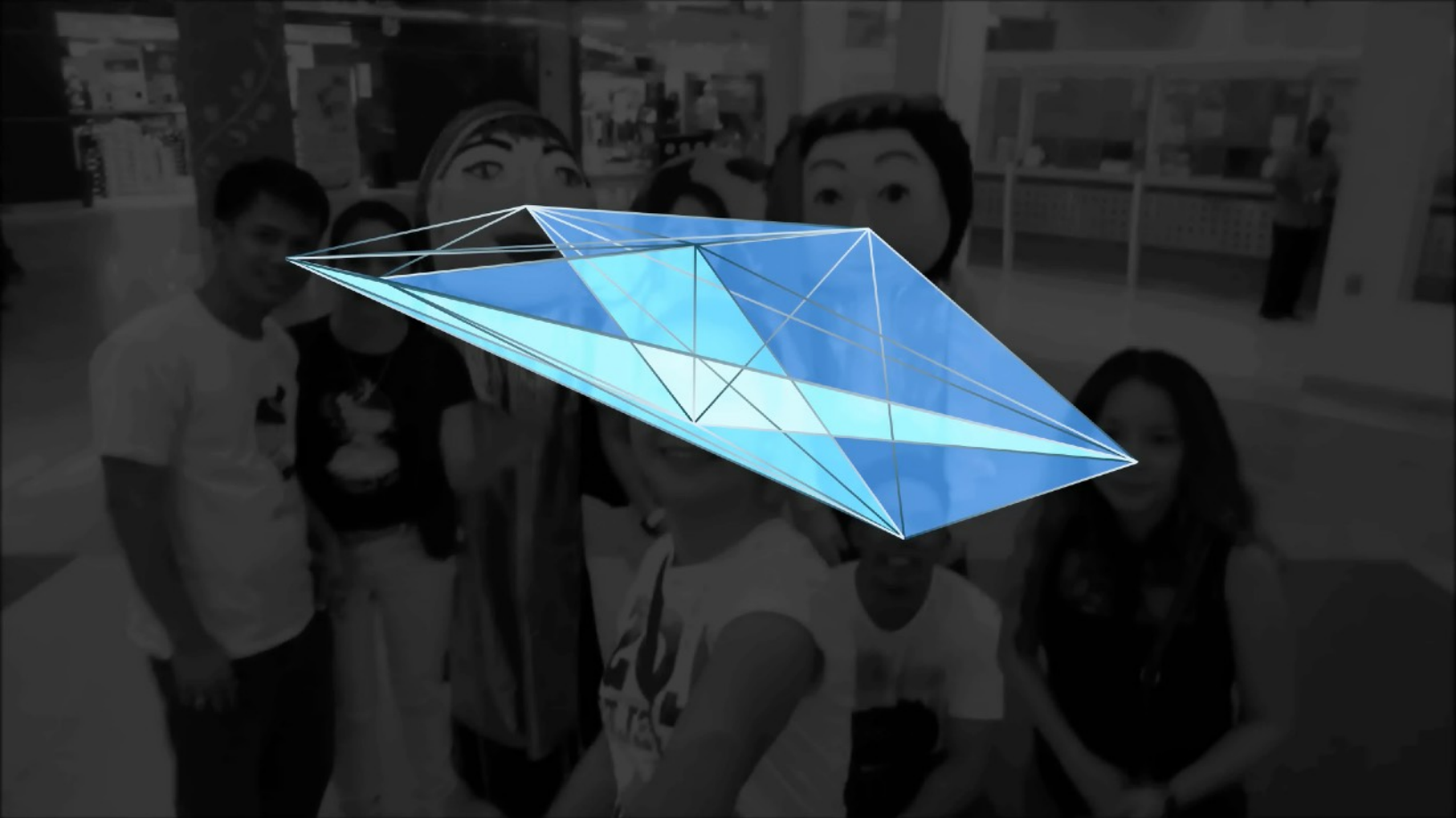


II - Bio

Stéphane Bissières lives and works in Paris. His works are influenced by the application of mathematical patterns to artistic processes, mainly under the form of real-time installations and performance where every step of the creation is visible by the audience.

He is interested in forms of hybridizations between man and machine, and particularly to the transformation of the human mind induced by our relationship to computers. From concrete music to collaboration with dancers and video creations, he develops digital art performances and unique installations featuring creating devices in interaction with the public.

Music composer for Radio France, he also collaborates with the label Signature and the Groupe de Recherche Musicale. He develops new motion capture interfaces for Dafact company, creates installations for Fresnoy and initiates the curriculum of interactive creation at the Institut National de l'Audiovisuel.



III - Technical rider "Human Likes"

Human Likes is suitable for all audiences

Optimal conditions of realisation :

The audience will be placed in front of the dispositive and should be lit up by projectors to optimize the face detection. Good results are achieved when people gather in the detection field, looking at the screen at the same time. The people should be standing and moving around.

Mounting time : 60mn

Thank you for sending us technical informations of the venue

Hardware to provide by the venue :

1 / TECHNICAL TEAM TO PROVIDE

1 Technical manager during mounting

2 / ELECTRICAL

minimum 2 power bars with 5 inputs.

3/ ACCESSORIES

01 table : H x L x l : 30 x 30 x 30cm

01 chair

01 stand for camera

4 / VIDEO

Retroprojection short lens (cf plan 1):

(Front projection possible, please contact us)

1 video projector 10K lumens short lens placed on the ceiling with VGA input.

1 screen for retro projection 2m width minimum

1 video VGA cable long enough for distance between computer and video projector.

5 / LIGHT

Ambiant light shouldn't exceed 5/10%.

Light projectors will be placed up or down the screen to lit up the audience.

- 2 projectors PAR or F1
- Dimmer 2 channels

6/ SOUND (optional)

02 SPEAKERS

01 BASS SPEAKER

02 DI type BSS

01 MIXING DESK

7/ COMPUTER

- 1 Mac, or mac mini, or macbook,
- 1 Webcam logitech C920 ou C525
- Rallonge USB 5m

IV - Retro projection VP short lens (wide angle)

