

Portfolio

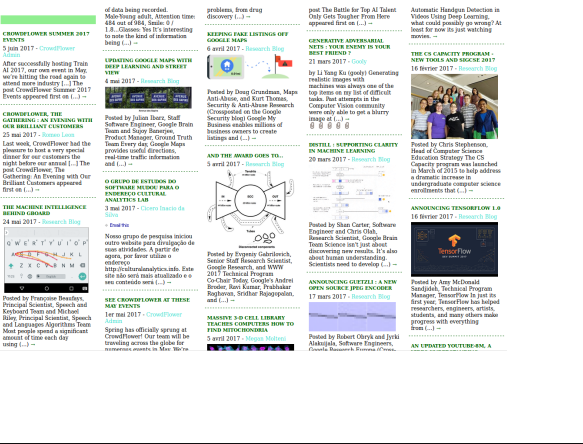
Nicolas Malevé

Activities at The Photographers' Gallery October 2015 - September 2019.

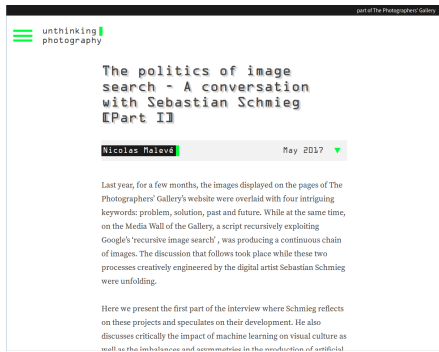
The research project *Variations on a glance*, described in the text submission has been accompanied by a constant effort to connect with the ongoing activities of the Digital Programme (DP) and more largely with The Photographers' Gallery's (TPG) programme of activities. Whilst the written submission focuses on the practice of re-experimentation, a substantial amount of time has been dedicated to the integration of the research into the Gallery's programmes and conversations. The object of this practice portfolio is to give an overview of this work of contextualisation and integration within TPG.

Alongside the practice of re-experimentation, my collaboration with TPG has taken different forms. I have worked with the DP on the creation of different *platforms* to collect information relevant to the research and share the reflection happening at the DP with online audiences. I have contributed to several *publications* through TPG's channels. Finally, I have organised and contributed to *workshops, conferences* and *events*. The end of the research coincided with the invitation of Fei Fei Li to TPG and I contributed to the elaboration of the programme *Data / Set / Match*. The different activities are compiled with url references when available.

Platforms

	<h2>Functionariesofthe camera.net</h2>
	<p>11/2015 - 2016</p>
<p>A web aggregator to compile resources on the computational image for the Digital Programme's team. Offline</p>	

	<h2>Image Exhaust</h2>
	<p>08/2016 -</p>
<p>A tumblr for The Photographers' Gallery digital programme exploring photography, automation and computation. Online: http://imgexhaust.tumblr.com/</p>	



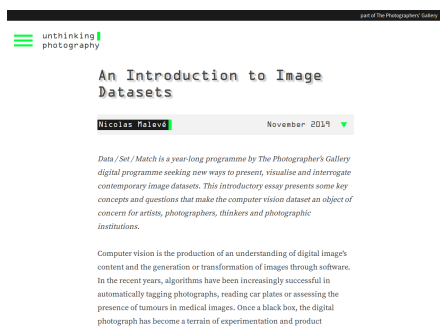
The politics of image search - A conversation with Sebastian Schmieg

05/2017

An interview with Sebastian Schmieg where the artist reflects on his projects and speculates on their development. He also discusses critically the impact of machine learning on visual culture as well as the imbalances and asymmetries in the production of artificial intelligence.

Online:

<https://unthinking.photography/articles/interview>



An introduction to image datasets

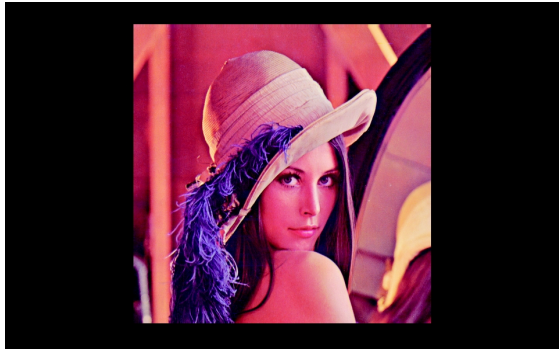
11/2019

An introductory essay presenting some key concepts and questions that make the computer vision dataset an object of concern for artists, photographers, thinkers and photographic institutions.

Online:

<https://unthinking.photography/articles/an-introduction-to-image-datasets>

Organised events and projects



Search by image, live (Lena/Fabio)

06/10/2016 – 25/01/2017

For the Media Wall, Schmiege has created an application that recursively downloads from Google's 'reverse image search' pictures similar to Lena, an icon of Computer Vision borrowed from PlayBoy magazine and Fabio, a counter-icon proposed by Deanne Needell and Rachel Ward to counter the gendered stereotypes prevalent in the Computer Science community.

More information:

<https://thephotographersgallery.org.uk/whats-on/digital-project/sebastian-schmiege-search-image-live-lenafabio>



Decision Space

06/10/2016 – 25/01/2017

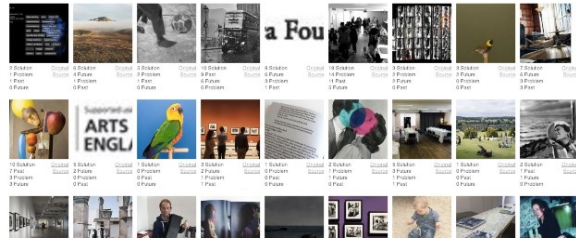
In *Decision Space*, visitors were invited to assign all the images available on the gallery's website to one of four categories: Problem, Solution, Past and Future. Additionally to overlaying all images on the gallery's website with the classification system, decision-space.com provided a focused environment for further decision- and click-work on the dataset.

Online:

<http://decision-space.com/>

This is the Problem, the Solution,
the Past and the Future

Note: The original images used are all copyright by their owners, not the data from 'Decision Space' and 'This is the Problem, the Solution, the Past and the Future' is publicly available. The thumbnail images are provided for reference use at this-is-the-problem-the-solution-the-past-and-the-future.com



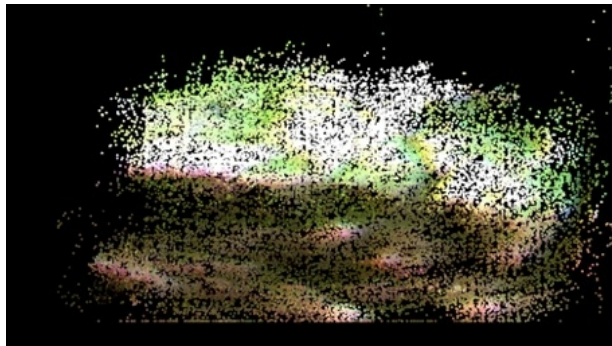
This is the Problem, the Solution, the Past and the Future.

06/10 – 25/01/2017

Conceptual dataset for machine learning and machine vision based on the online image collection of 'The Photographers' Gallery.

Online:

<http://this-is-the-problem-the-solution-the-past-and-the-future.com/>



Robot Vision Geekender

24-27/11/2016

Together with Sam Mercer and Ioanna Zouli, I have curated a weekend of workshops and discussions with photographers and technologists to explore the artistic possibilities of machine vision. The events of the week-end included contributions from ScanLAB, Adam Brown, Katriona Beales, Terence Broad, Luba Elliott, Lynn Hershman Leeson, Ryo Ikeshiro, Carlos Molinero, 3D Scanbot, Foxall Studio, img agency, Superflux, Federica Biotti, Alejandro Galvez-Pol, and Ramiro Martin Joly-Mascheroni.



Sliding into a face

24/11/2016

I have curated and moderated the panel discussion *Sliding into a face*. The discussion started from the observation that the face becomes a space where different networked strategies and forces are active. Panel participants have articulated different responses where the computational image was solicited in various ways, and redefined in the process. With Federica Biotti and Zach Blas.

Online:

<https://www.youtube.com/watch?v=RUC4b9K1WLw>



A nice tench poses for the camera

Exhibiting ImageNet

01/07 – 13/09/2019

In the framework of the *Data/Set/Match* programme, I wrote a computer script that cycled through ImageNet at a speed of 90 milliseconds per image, traversing the entire dataset in a period of two months on the Gallery's Media Wall. The script paused at random points to enable the viewer to 'see' some of the images.

More information:

<https://thephotographersgallery.org.uk/whats-on/digital-project/exhibiting-imagenet>



Images and synsets

14/09/2020

Presentation of my research on ImageNet during the symposium *What Does The Dataset Want?*

Online:

<https://www.youtube.com/watch?v=WiPCyj1Di3c>



ImageNet's birthday party

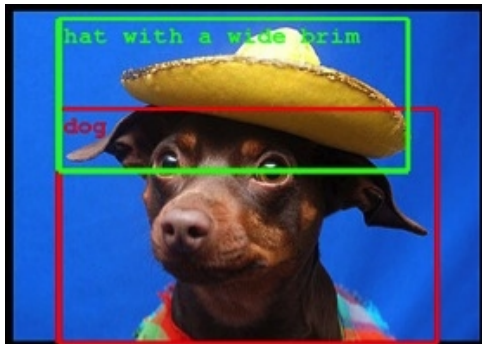
21/09/2020

Presentation of Fei-Fei Li at The Photographers' Gallery in conversation with Alan Blackwell. After her talk, Dr. Li participated in a re-enactment of her experiment conducted at Caltech in 2007.

More information:

<https://thephotographersgallery.org.uk/whats-on/talks-and-events/imagenet-10th-birthday-party>

Workshops



A bag of visual words

29/05/2016

A workshop exploring photography and computer vision. In collaboration with Michael Murtaugh.

Through discussions and hands-on experiments, the workshop addresses the questions: What does computer vision have to offer to image practitioners? When does a cheesy effect become a scientific instrument? How does an instrument of surveillance become a digital paintbrush? How is an image more than the sum of its pixels?

Image



1439840616_33b3987b3a.jpg

Perception time:

53 milliseconds.

Your description:

I didn't see any colors, blue and gray and that's about it.

Variations on a glance

14/11/2016

First public session. Re-enactment of the 2007 Caltech experiment.

Variations on a glance



40 ms.
a black chair made out of wood in a sea of beige. Green.
Gray. Green forest.

23/05/2017

Internal workshop. I have conducted a re-experiment with the members of the Gallery's team from various departments of the institution.

Workers' education in the age of intelligent machines



22/07/2017

Workshop, in collaboration with the educator and artist Adam Brown. We experimented with ideas of photographic 'work' in the studio, trying to collectively produce an image of the contemporary worker – human or non-human.

More information;

<https://mechacritique.wordpress.com/2017/07/05/rethinking-the-workshop-workers-education-in-the-age-of-intelligent-machines/>

Image



3363294009_9371677361.jpg

Perception time:

80 milliseconds.

Your description:

A young man with dark hair dressed with a short sleeve blue shirt doing something with his hands maybe typing on a computer keyboard. I am not sure if it is situated in a class room, supermarket or office. There is a window behind the young man's back providing light in the room.

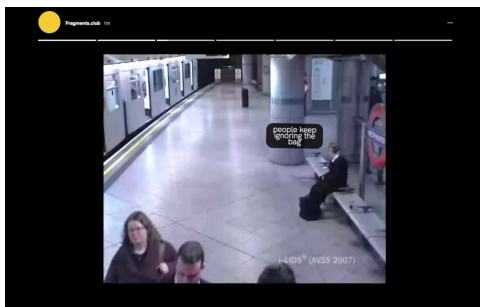
Variations on a glance

12/11/2017

Public session. Re-enactment of the 2007 Caltech experiment.

More information:

<https://thephotographersgallery.org.uk/whats-on/workshop/variations-on-a-glance>



Post-Photography Prototyping Prize (P3)

14-15/05/2018

At the occasion of the P3 Prize, collaboration with artists Manetta Berends and Sebastian Schmiege. We created together a prototype for a story-telling platform based on the CAPTCHA technology whose visual content was fed by datasets of surveillance imagery.

More information:

https://www.fotomuseum.ch/en/explore/p3/artists/154513_digital_labour