

# **A Sampling from the History of Photography**

**George Legrady ©**

Experimental Visualization Lab

Media Arts & Technology

University of California, Santa Barbara

**Niepce (1826), oldest chemically fixed image (taken on his roof)**



<https://www.hrc.utexas.edu/niepce-heliograph/>

10 minute shutter exposure



Louis Daguerre, first photograph of a person on a busy street, (1839)



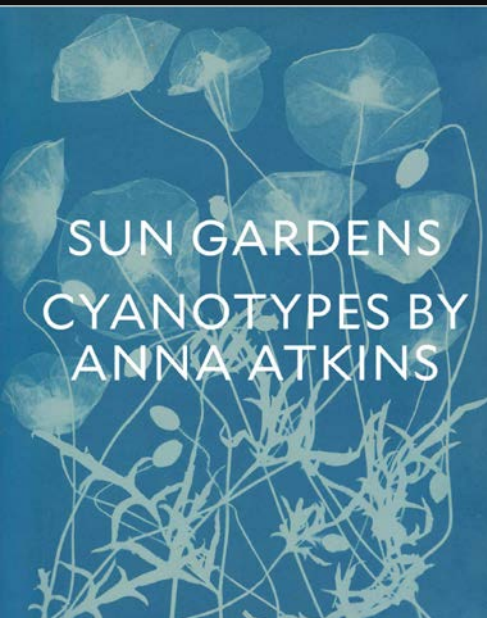
# The Photographic Workshop (1846)



Henri Fox Talbot (1800-1877), Patent for the Calotype restricted circulation



# Cyanotype photographs of plants - Scientific Applications





**“Ricking the Reed”, Platinum print, Peter Henry Emerson (1886)**





**“Two Ways of Life”, Platinum print, Oscar Gustave Rejlander (1857)**





# “The Passing of Arthur” (Right image) Julie Margaret Cameron (1875)

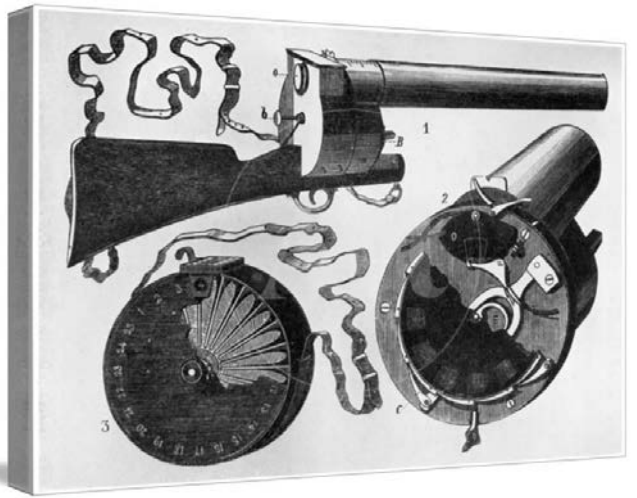
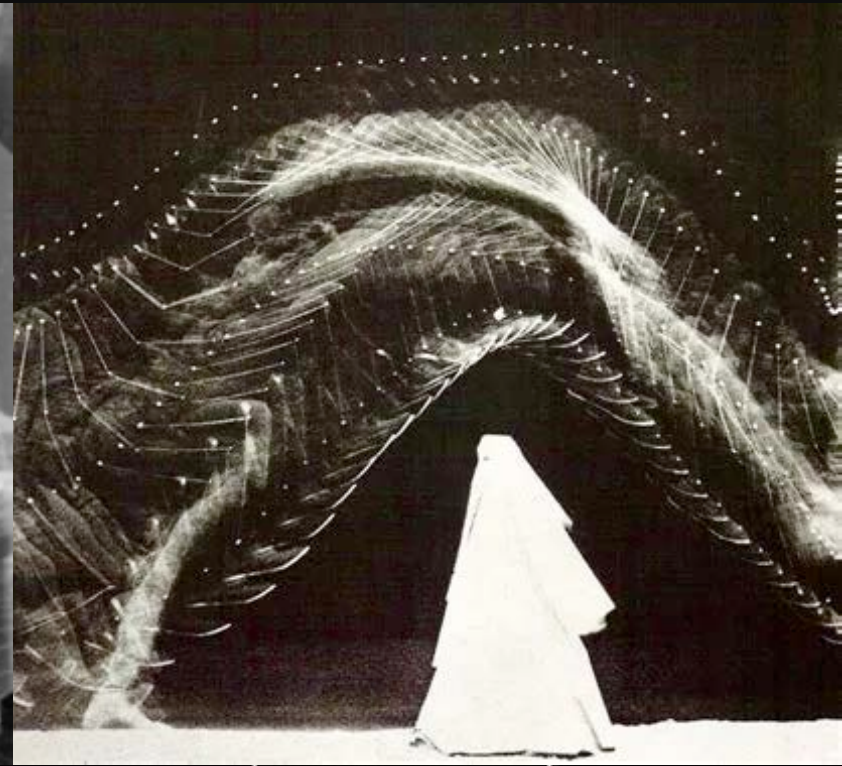
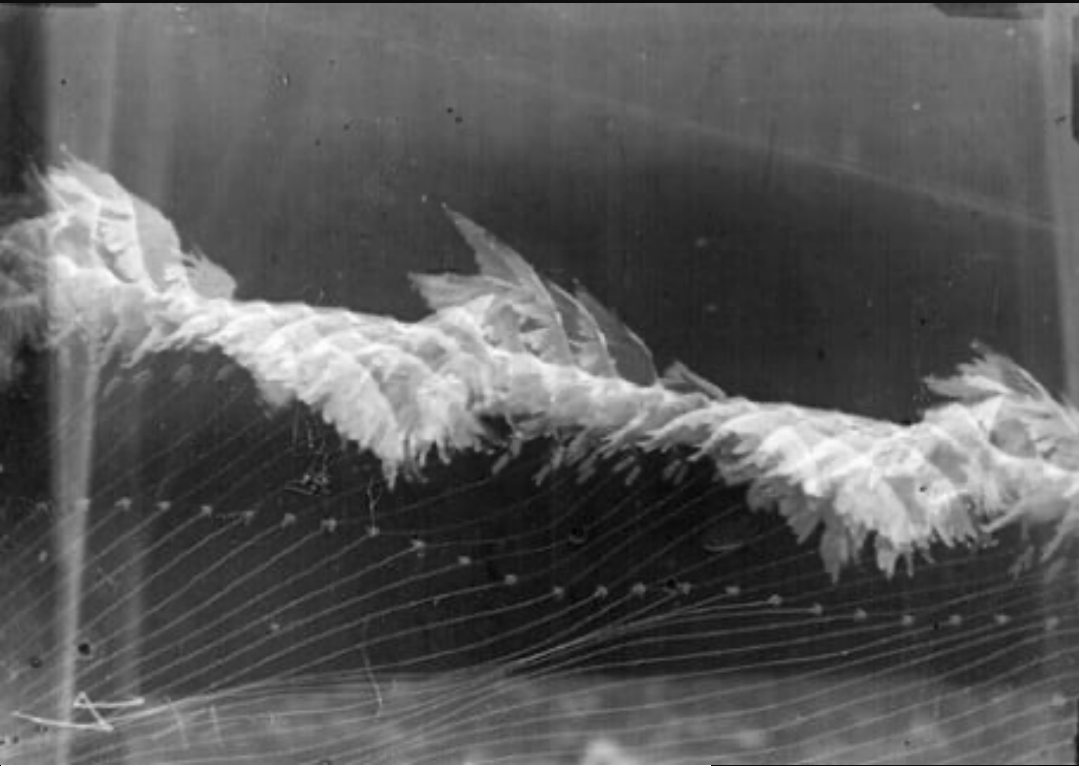




Camera Motion, *Grand Prix*, Jacques-Henri Lartigue (1913)



# Chrono-Photography



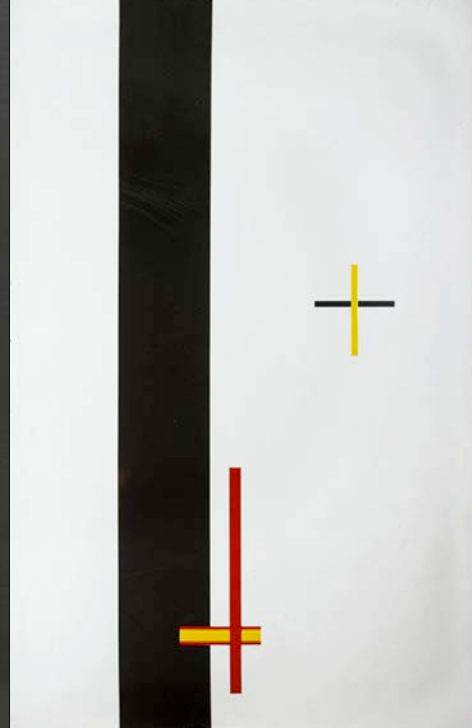
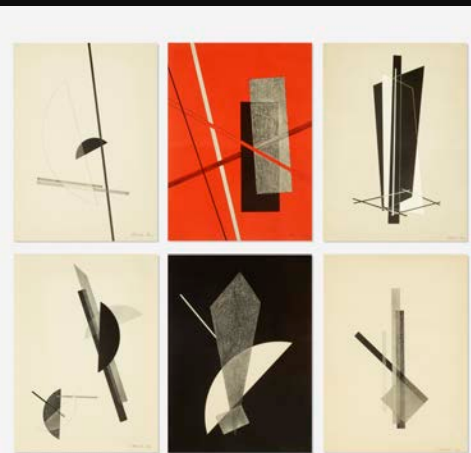
Etienne-Jules Marey, scientist, physiologist, 1880s



# “Head in Movement”, Anton Giulio Bragaglia (1911)



# Depth of Field



László Moholy-Nagy, *Photograph (Self-Portrait with Hand)*, 1925/29, printed 1940/49



# Self-portrait (with mirrors)



Ilse Bing (1899–1998). *Self-Portrait with Leica*, 1931. [www.eastman.org/node/6733](http://www.eastman.org/node/6733)

# Ilse Bing, Three Men Sitting on Steps at the Seine (1931)





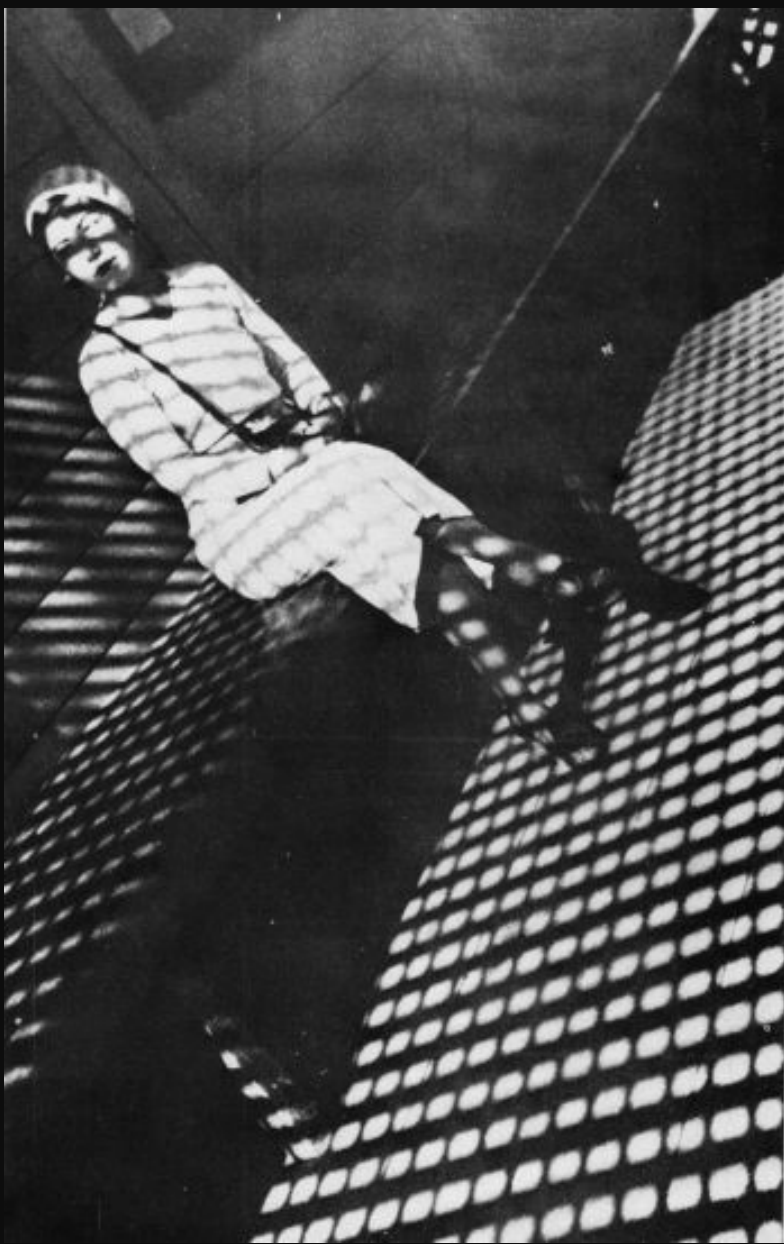
**“Hammer, Plier, Nails”, 1939, gelatin silver print**



Ilse Bing (1899–1998), <https://henryart.org/exhibitions/ilse-bing-modern-photographer>



# “With Leica” (1934), “Gathering” Alexander Rodchenko (1928)





**Seville, Spain, Henri Cartier-Bresson (1933)**



***Time of Change, Selma March, Bruce Davidson (1965)***





***Shakedown at Ellis Unit, Huntsville, Texas, Danny Lyon (1968)***



© Danny Lyons / Magnum Photos / Edwynn Houk Gallery

<https://www.dailymail.co.uk/news/article-3375845/American-outlaws-One-photographer-s-four-decade-journey-biker-gangs-prisons-segregated-South-captured-brutal-honesty.html>

# ***Child With Toy Hand Grenade in Central Park, Diane Arbus (1962)***





## ***New York World's Fair, Gary Winogrand (1964)***





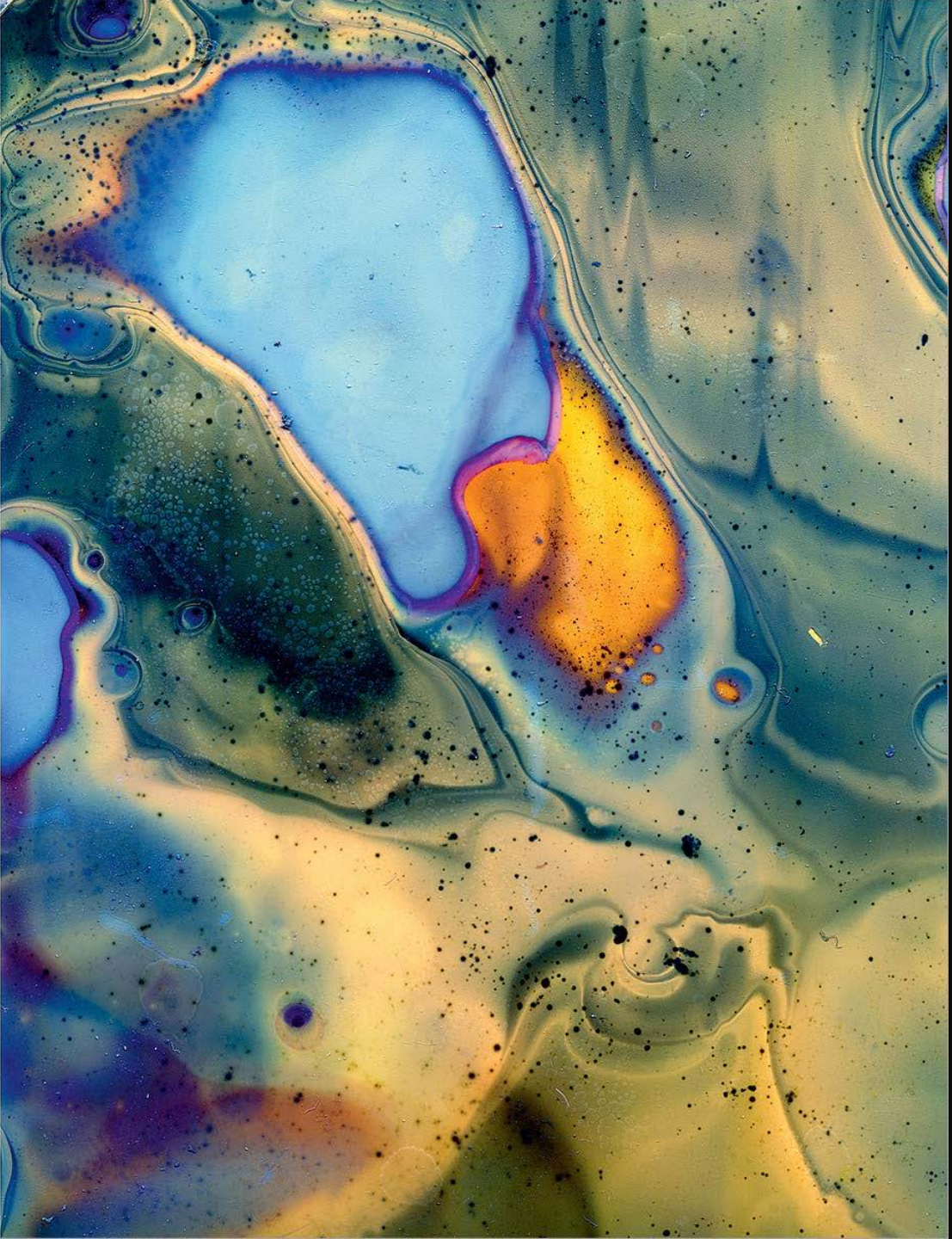
*Dealey Plaza (where John Kennedy was assassinated), Gary Winogrand (1964)*





**Play of balance with Point-of-View, *Knoxville, Tennessee*, (1971) Lee Friedlander**





# Shape of Light

100 Years of Photography  
and Abstract Art



**“Vortograph”, Alvin Langdon Coburn (1916)**



**Vortograph (1916-1917) <https://www.moma.org/>**

**“Light Abstractions”, Francis Bruguiere (1925)**

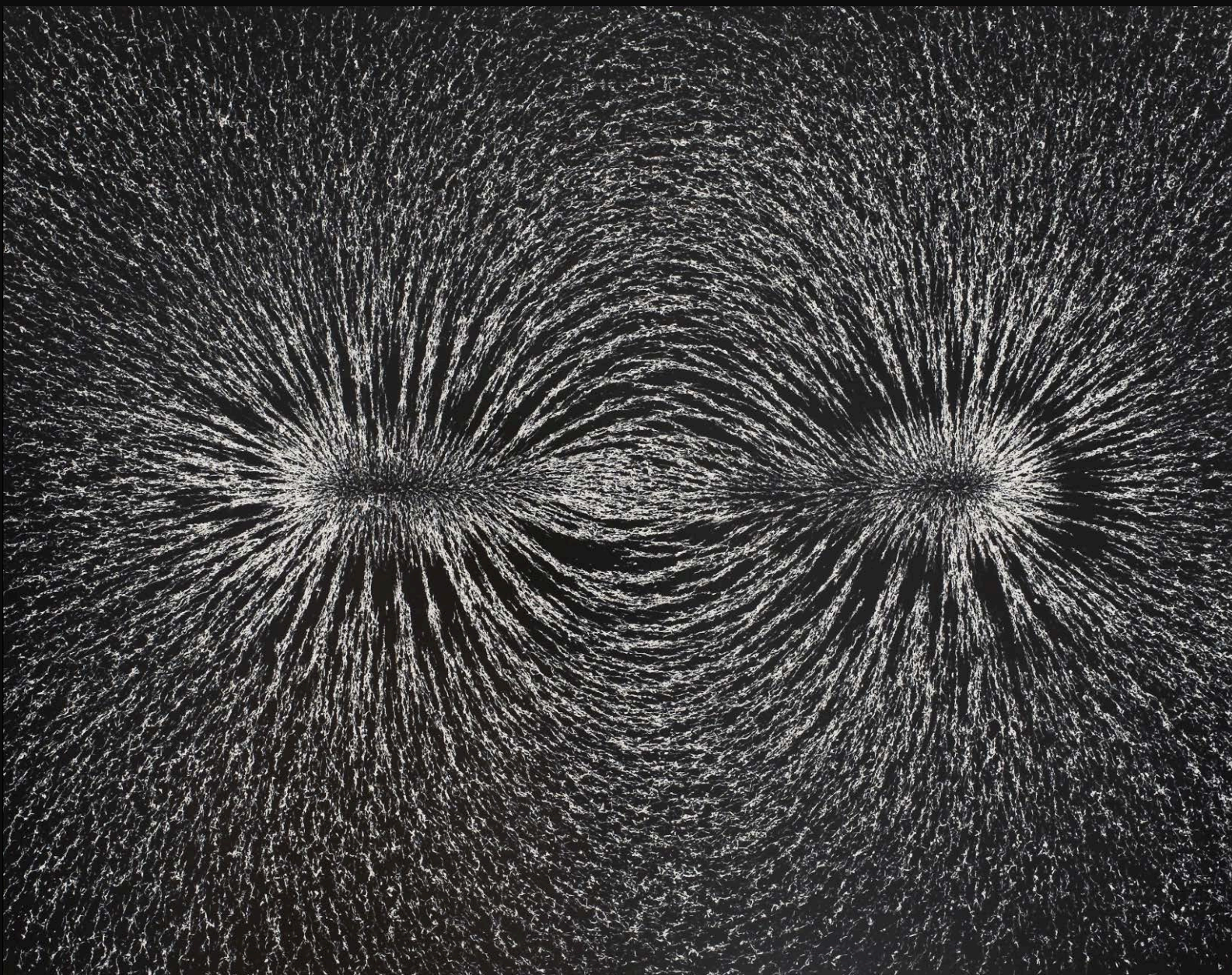


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**“Magnetic Field”, Berenice Abbott (1925)**



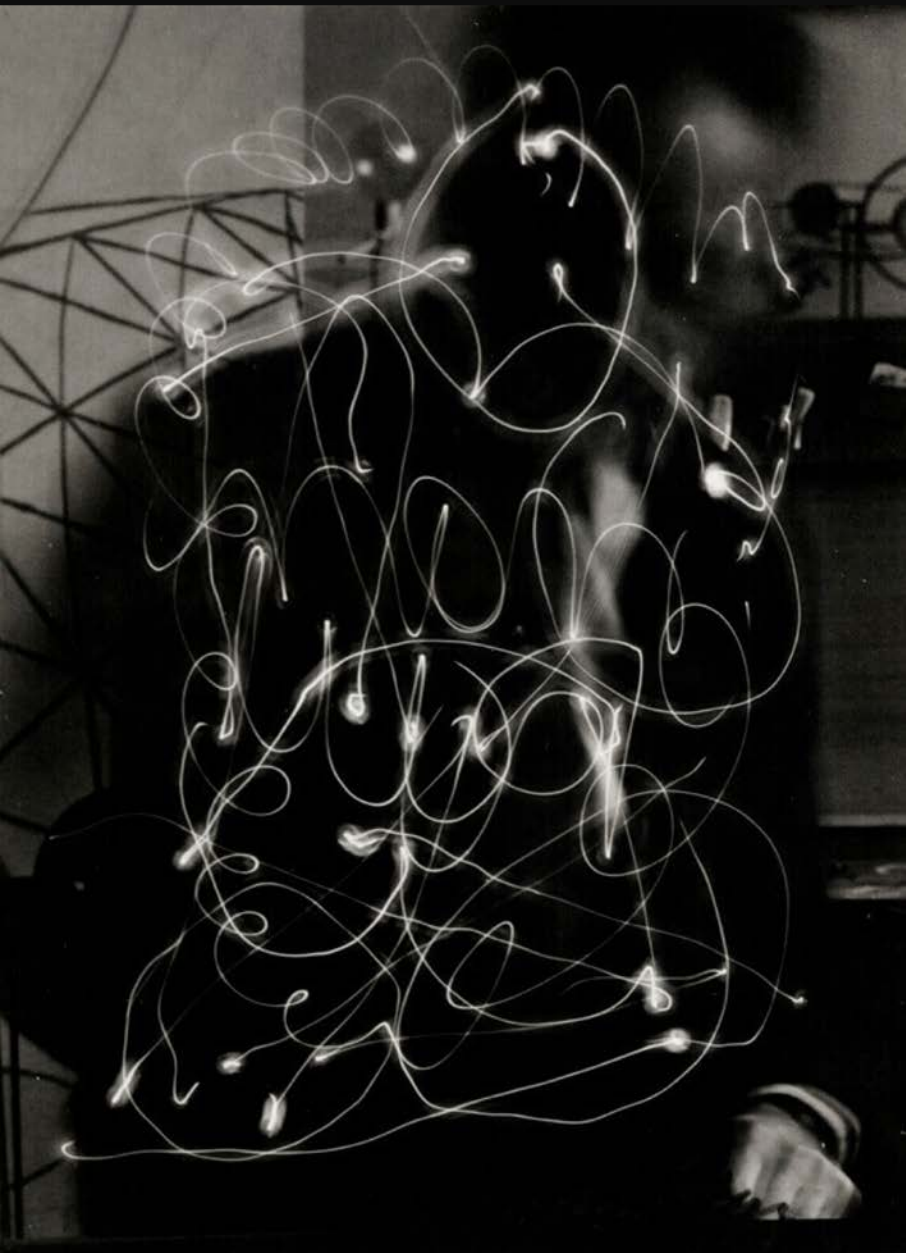


**“Light Tapestry”, Nathan Lerner (1938)**



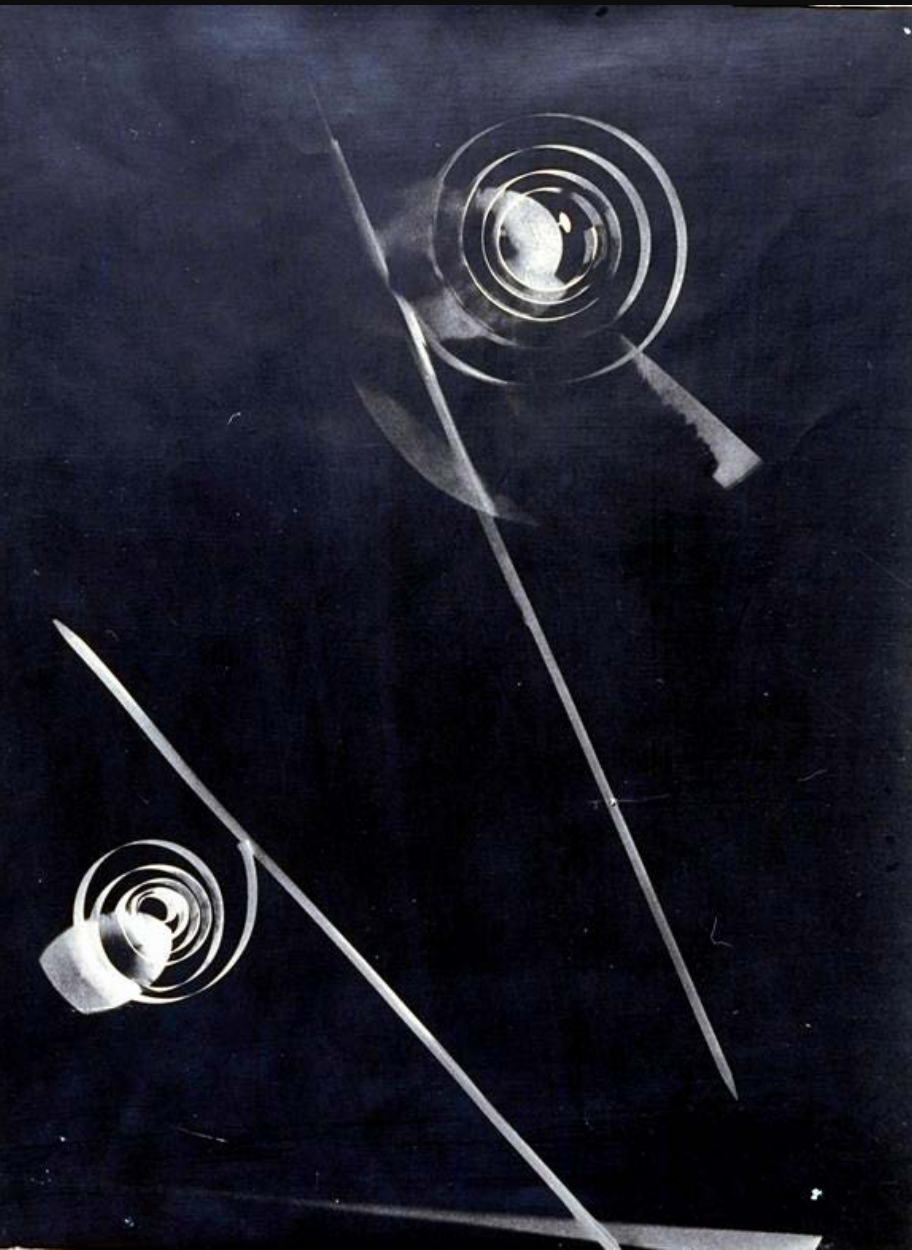


**“Space Writing”, Man Ray(1935), “Planes” (1922)**



[https://www.manray.net/space-writing-self-portrait.jsp#prettyPhoto\[image2\]/0/](https://www.manray.net/space-writing-self-portrait.jsp#prettyPhoto[image2]/0/)

**“Photogram” (1922), “Dessau”, Laszlo Moholy-Nagy**





# “Metal”, Germaine Krull



<https://www.widewalls.ch/magazine/germaine-krull-metal-pinakothek-moderne-munich>

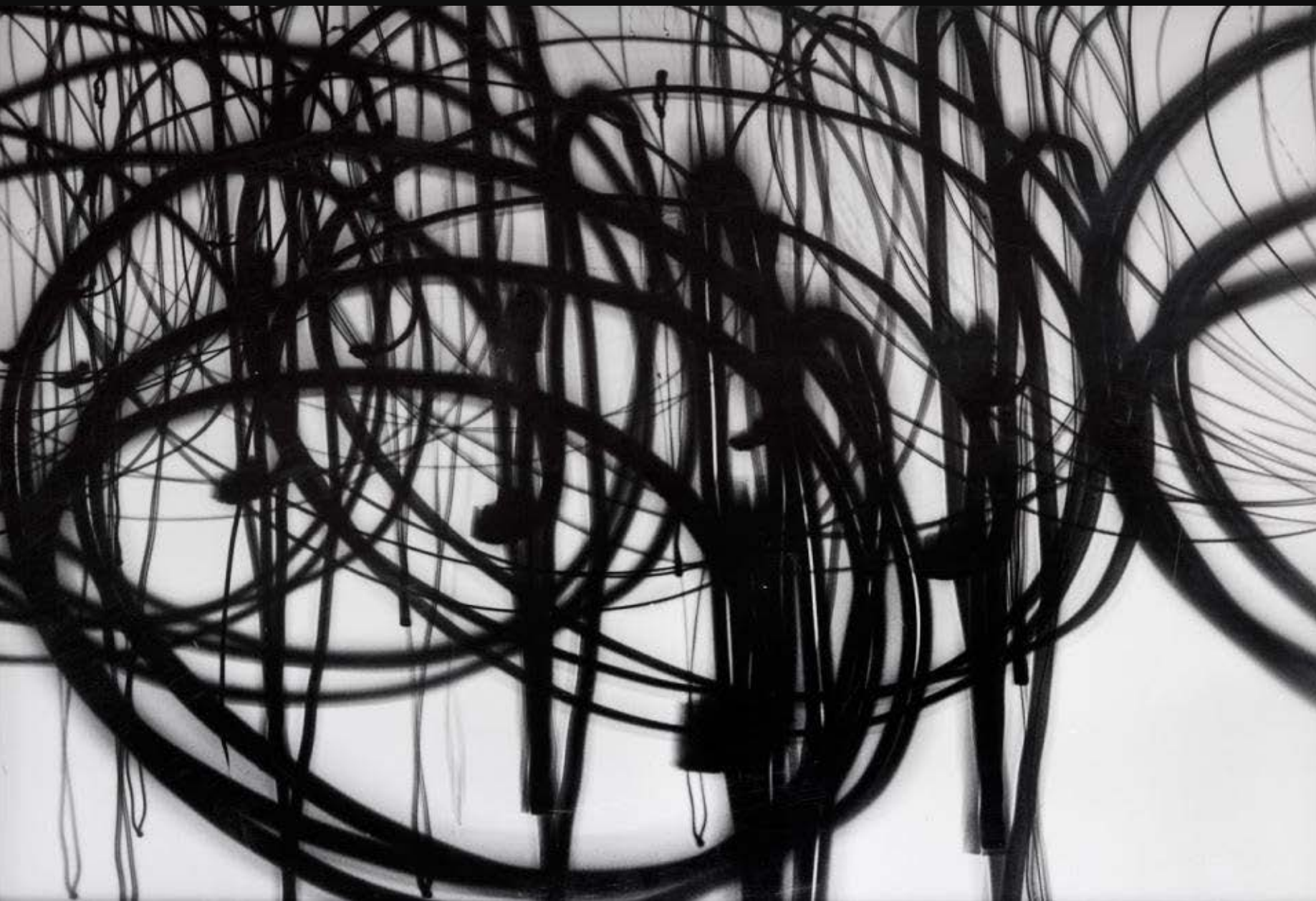


**“Amourette”, Christian Schad (1918)**





**“Light Abstractions”, Otto Steinert(1952)**



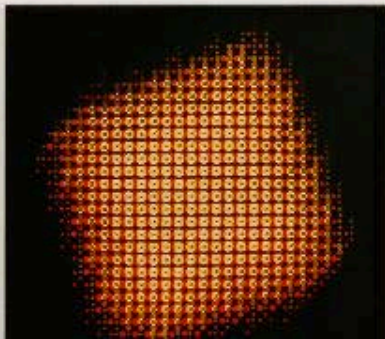
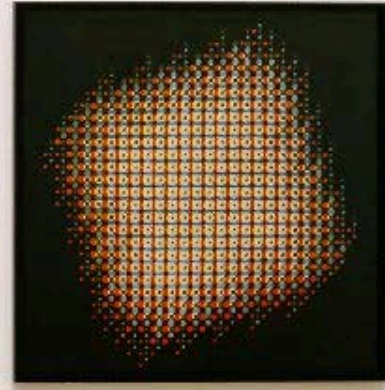
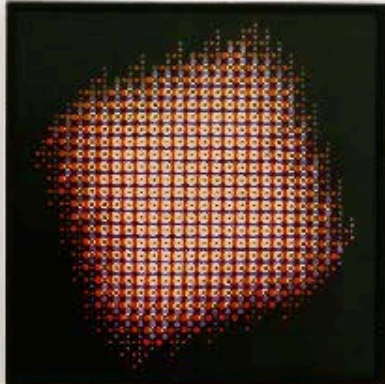
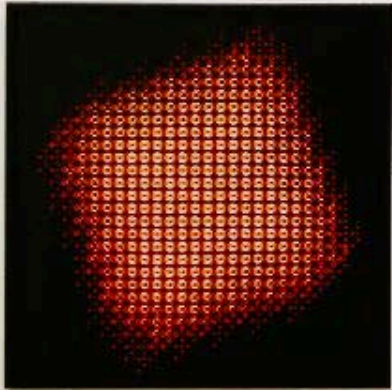
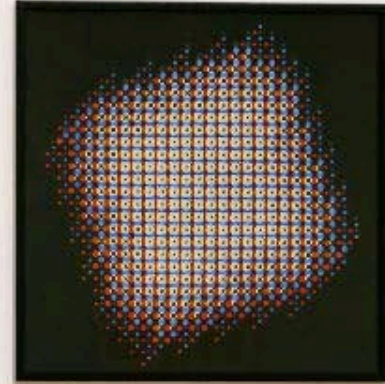
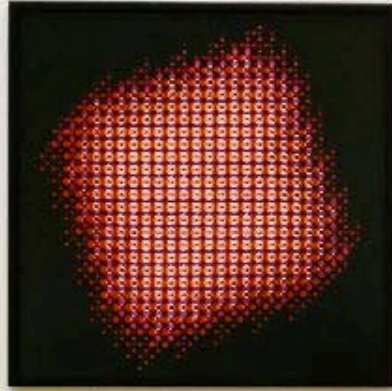
<https://www.tate.org.uk/whats-on/tate-modern/display/otto-steinert>

**“New Jersey 5”, Aaron Siskind (1950)**

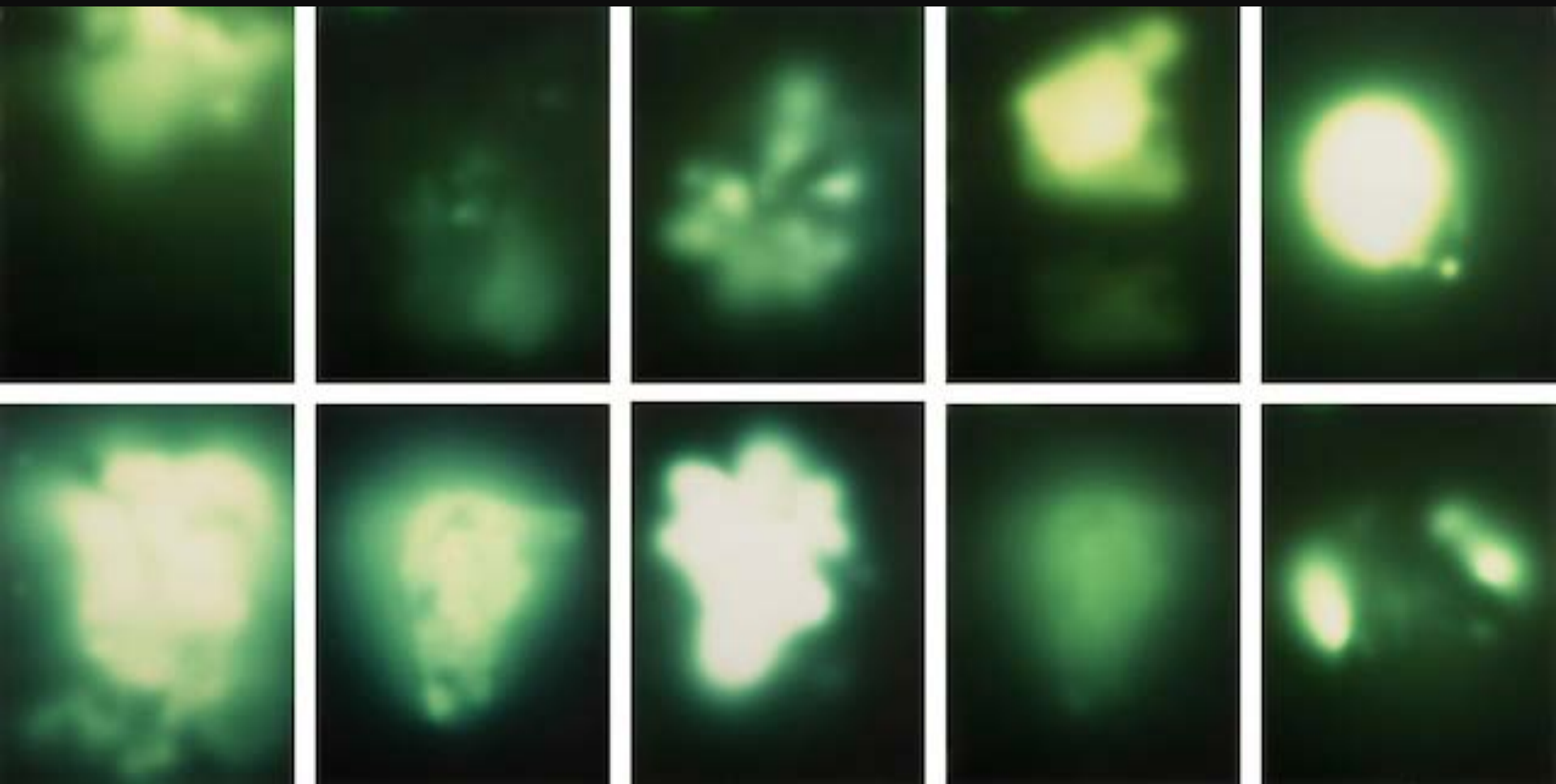




# “PinHole Structures”, Gottfried Jager (1967)



**“Untitled”, (Radioactive exposure) Sigmar Polke(1992)**



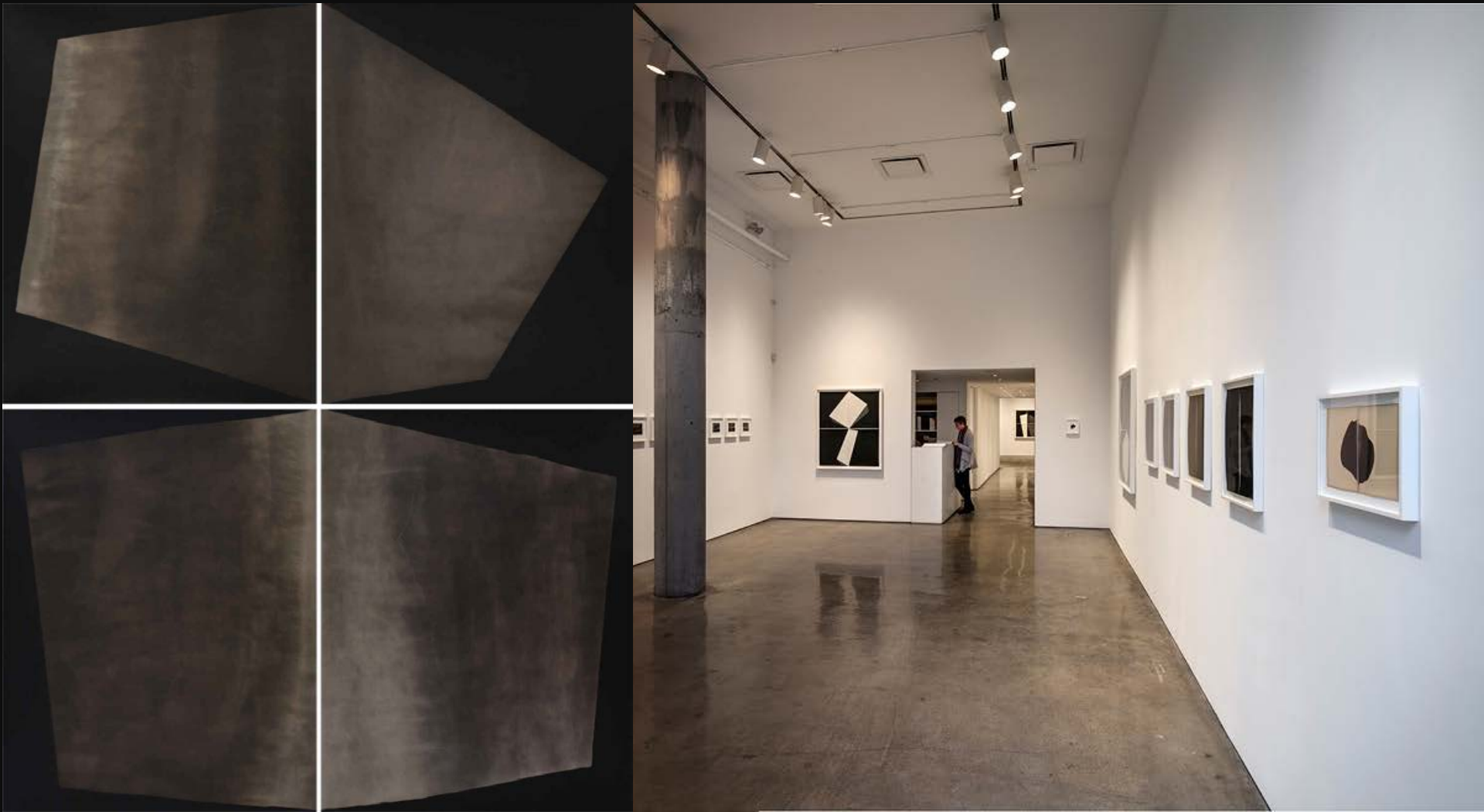


**“Untitled”, Quetta, Pakistan, Sigmar Polke(1974-1978)**



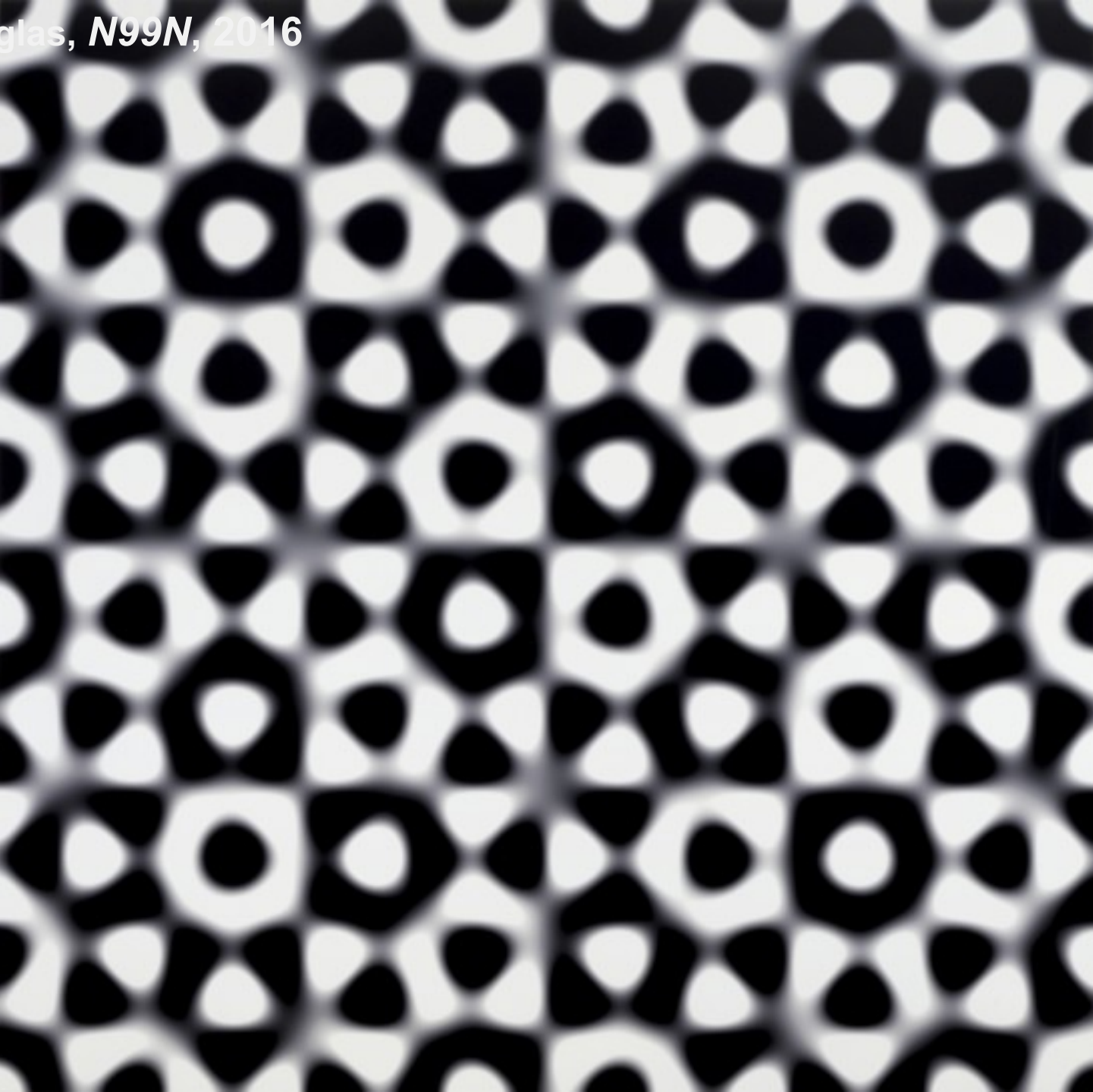
<https://www.designweek.co.uk/issues/october-2014/alibis-sigmar-polke-1963-2010/>

# Alison Rossiter (2012)

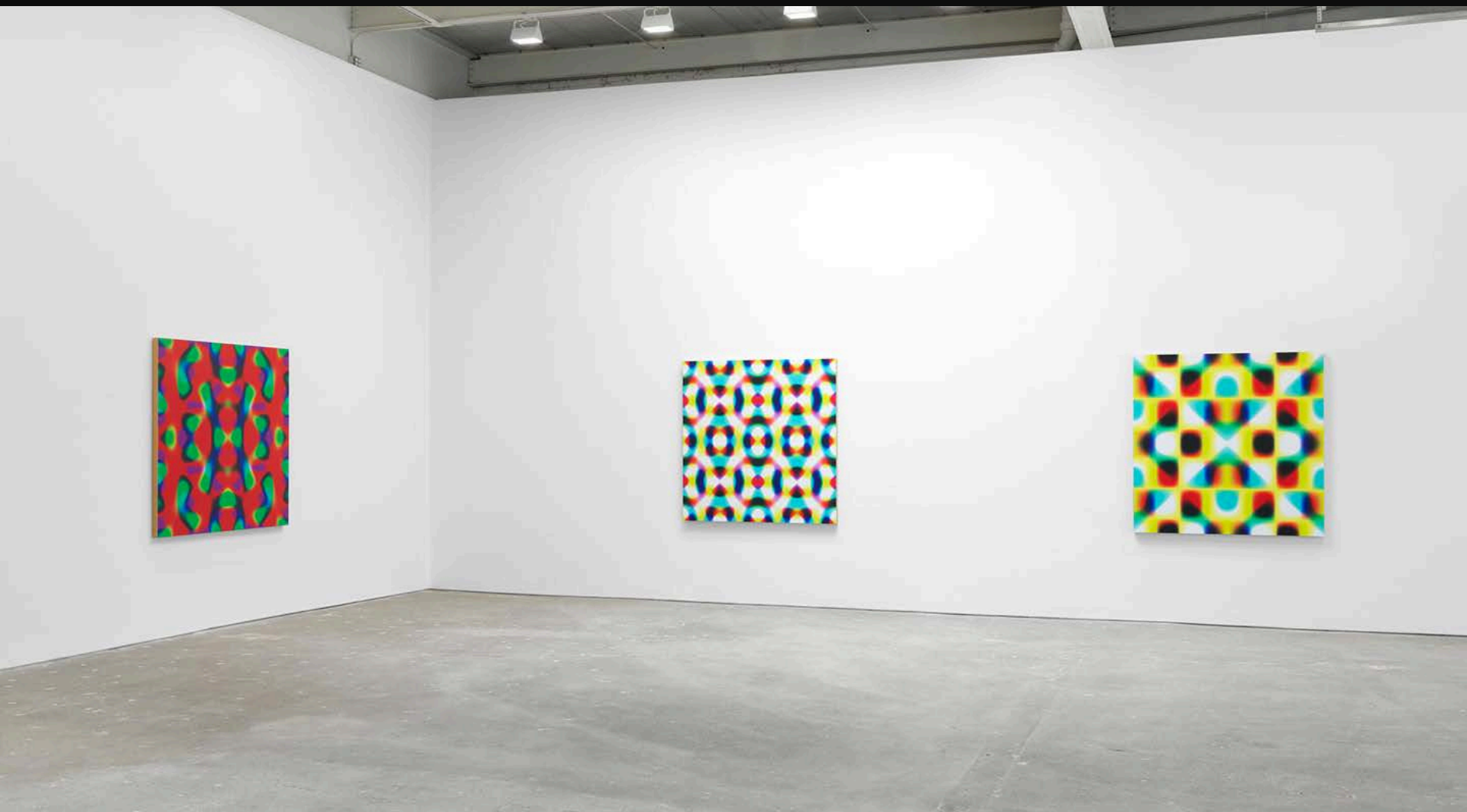




Stan Douglas, *N99N*, 2016

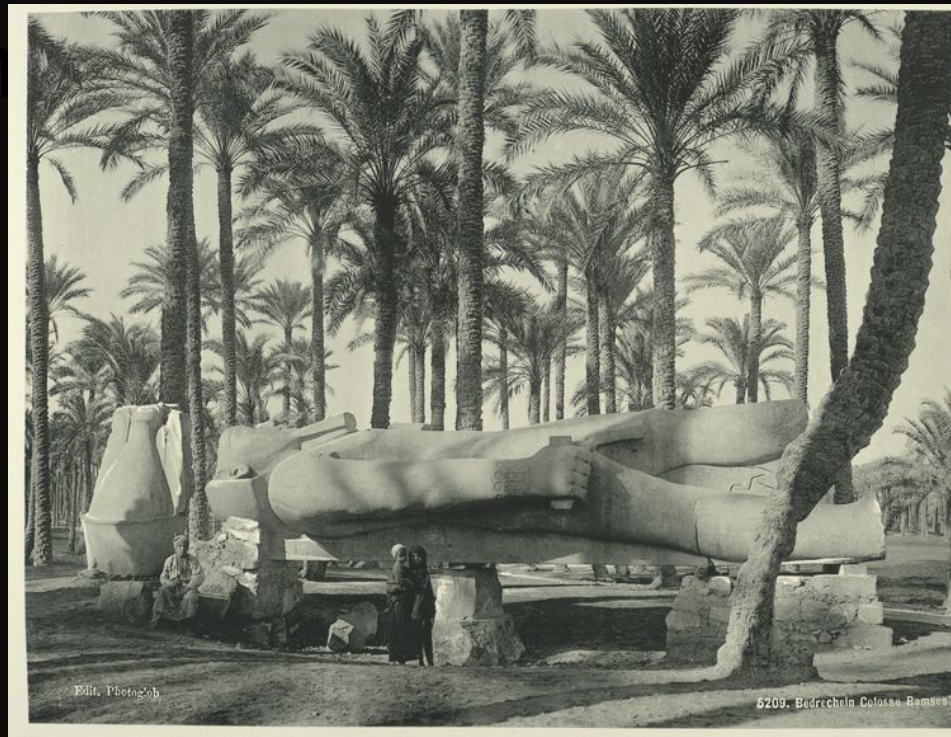


**“DCT series”, Stan Douglas (2016)**





# “Osiris”, “Ramses”, Felix Bonfils(1875)



First commercial photographer to produce photographs (albumen prints) in the Middle East



# Bedouins in Palestine, Felix Bonfils(1880)



Photochrom, process for producing colorized images from black and white negatives



**“The Last of the Buffalo”, Hand-colored photo-gravure, A. Bierstadt (1891)**



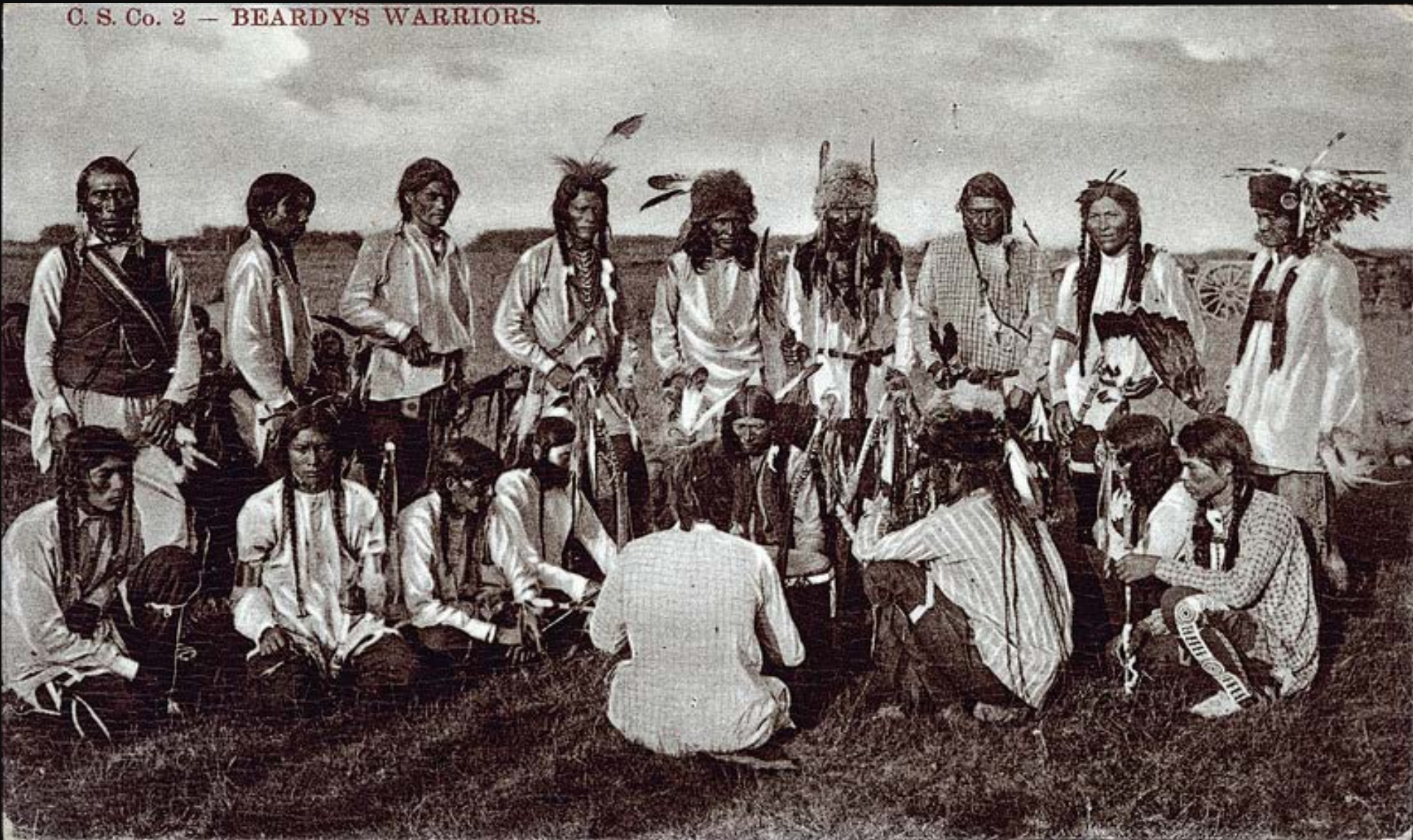
# Buffalo skulls (1870)





# Cree Warriors in Canada (1890s)

C. S. Co. 2 — BEARDY'S WARRIORS.





# Mekong Delta, Vietcong Prisoners (1963)





# First View of Earth from Moon, Lunar orbiter, NASA (Oct 1, 1966)



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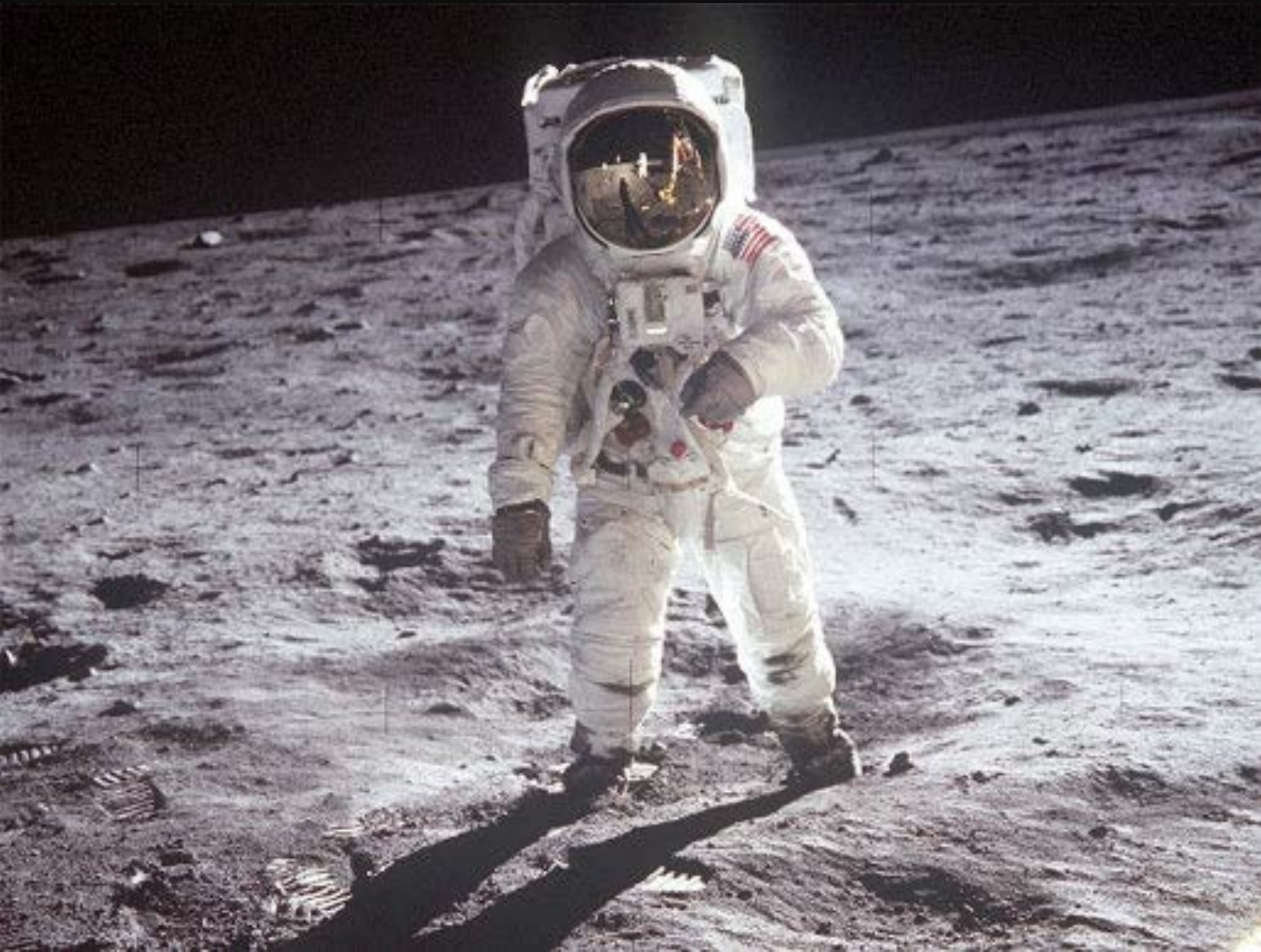




# First View of Earth from Moon, Lunar orbiter, NASA (Oct 1, 1966)



# Man on the Moon, Buzz Aldrin, Apollo 11 mission, NASA (July 16, 1969)





# Recent news photo, possibly Afghanistan



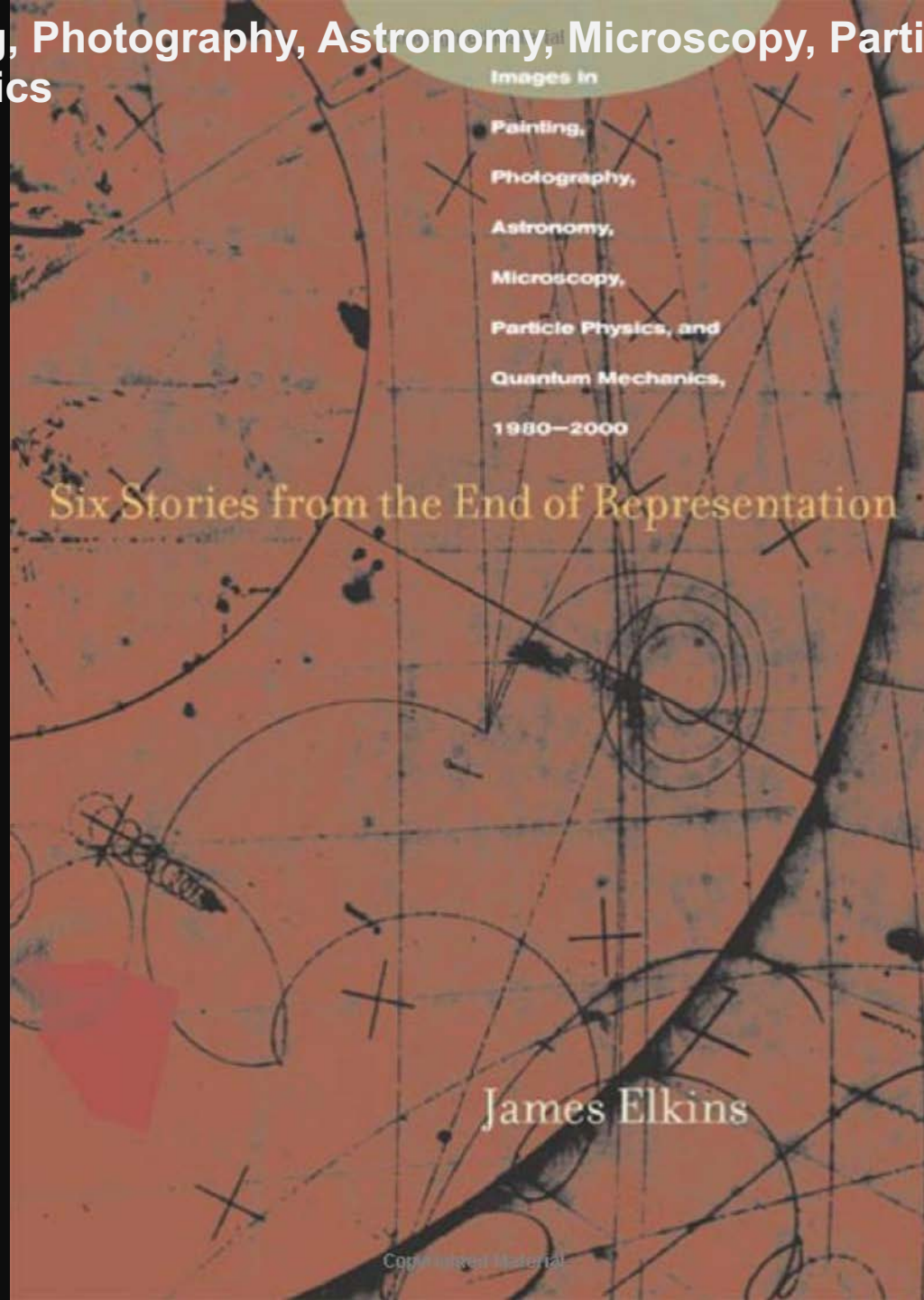


# Mask fabrication in China





# Images in Painting, Photography, Astronomy, Microscopy, Particle Physics and Quantum MEchanics



Images in

Painting,

Photography,

Astronomy,

Microscopy,

Particle Physics, and

Quantum Mechanics,

1980-2000

## Six Stories from the End of Representation

James Elkins

Copyrighted Material

# Marcel Duchamp (1916) | Gerhard Richter (1965)

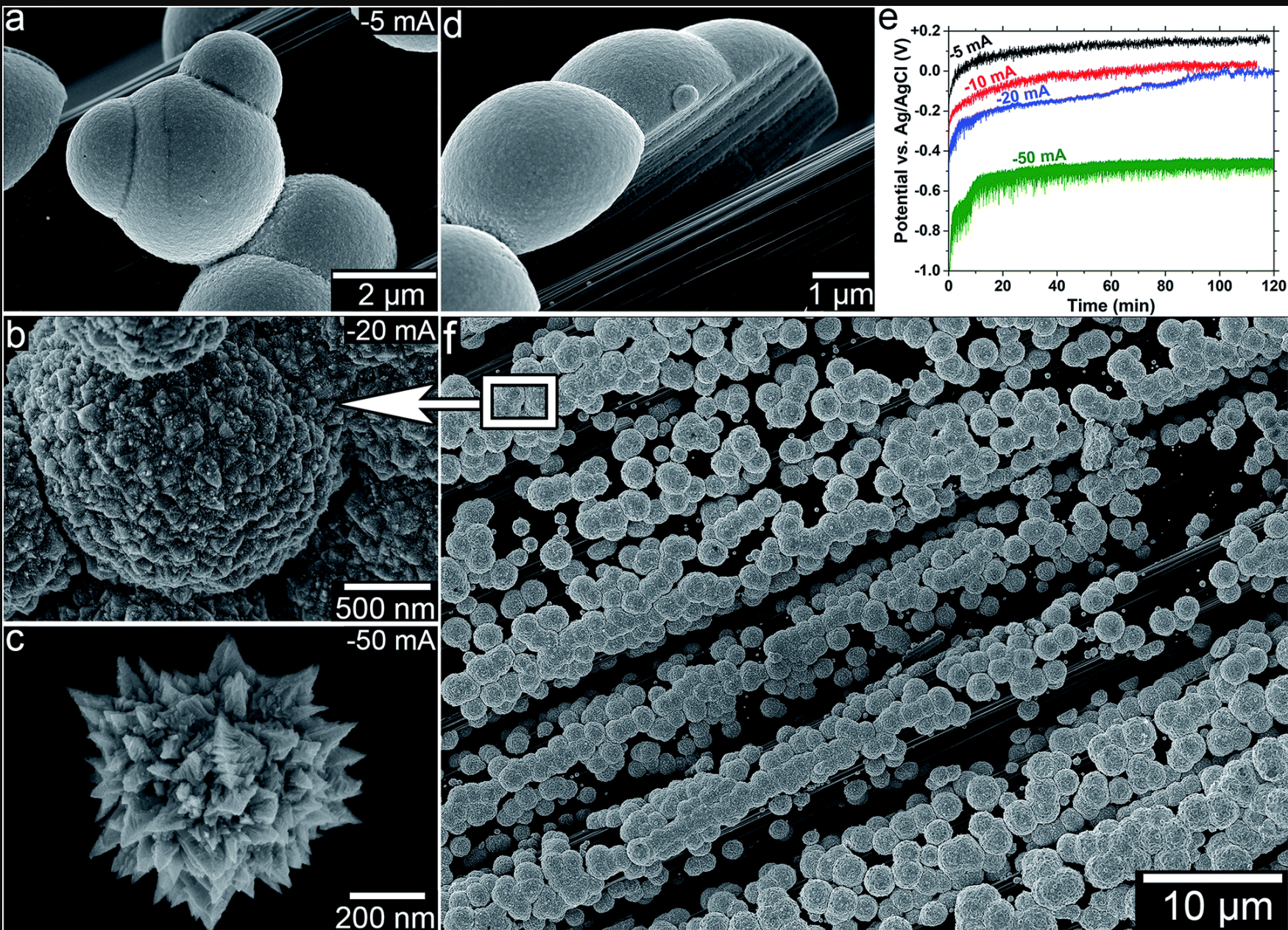






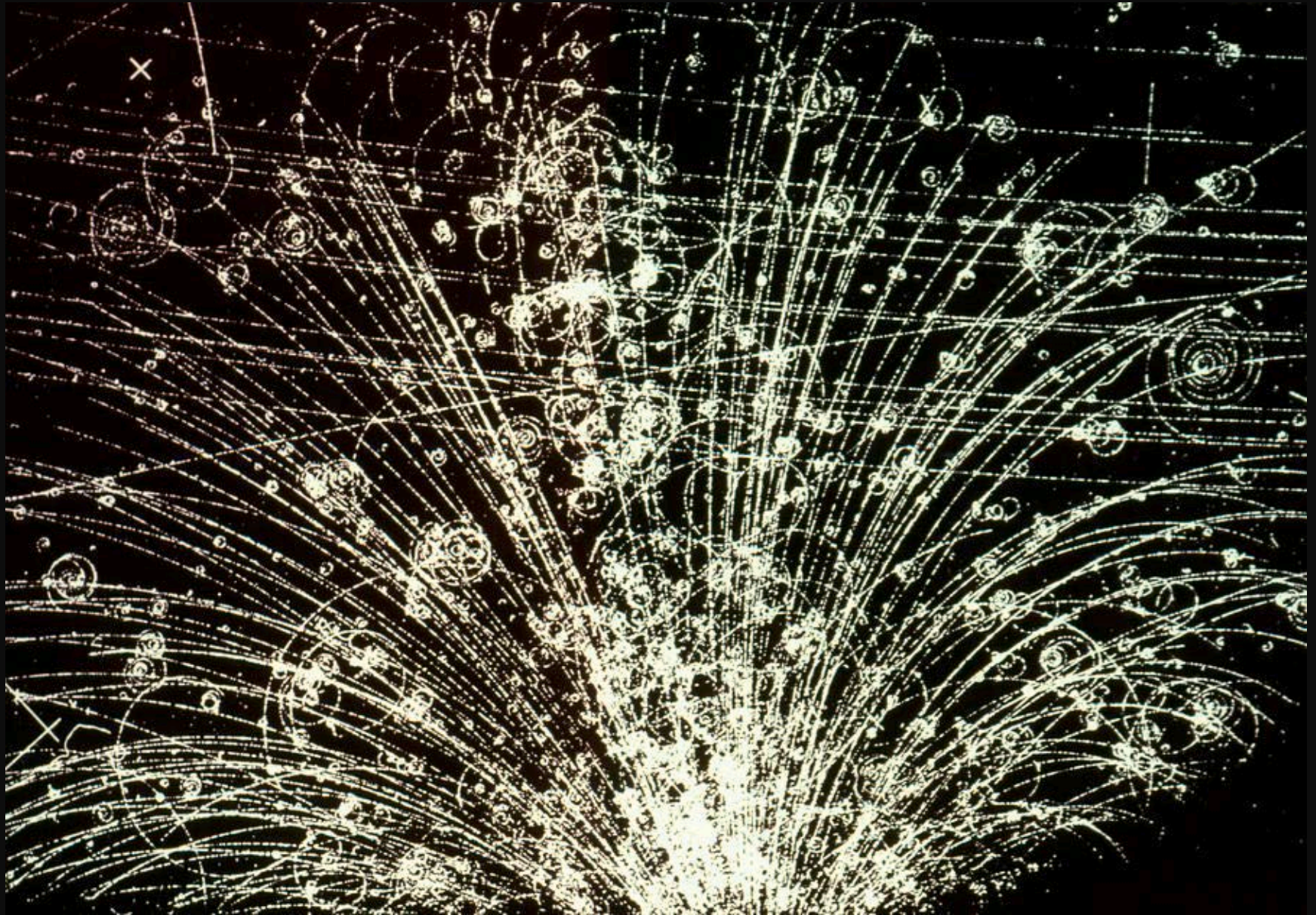


# SEM images of carbon fibers electrodeposited with platinum





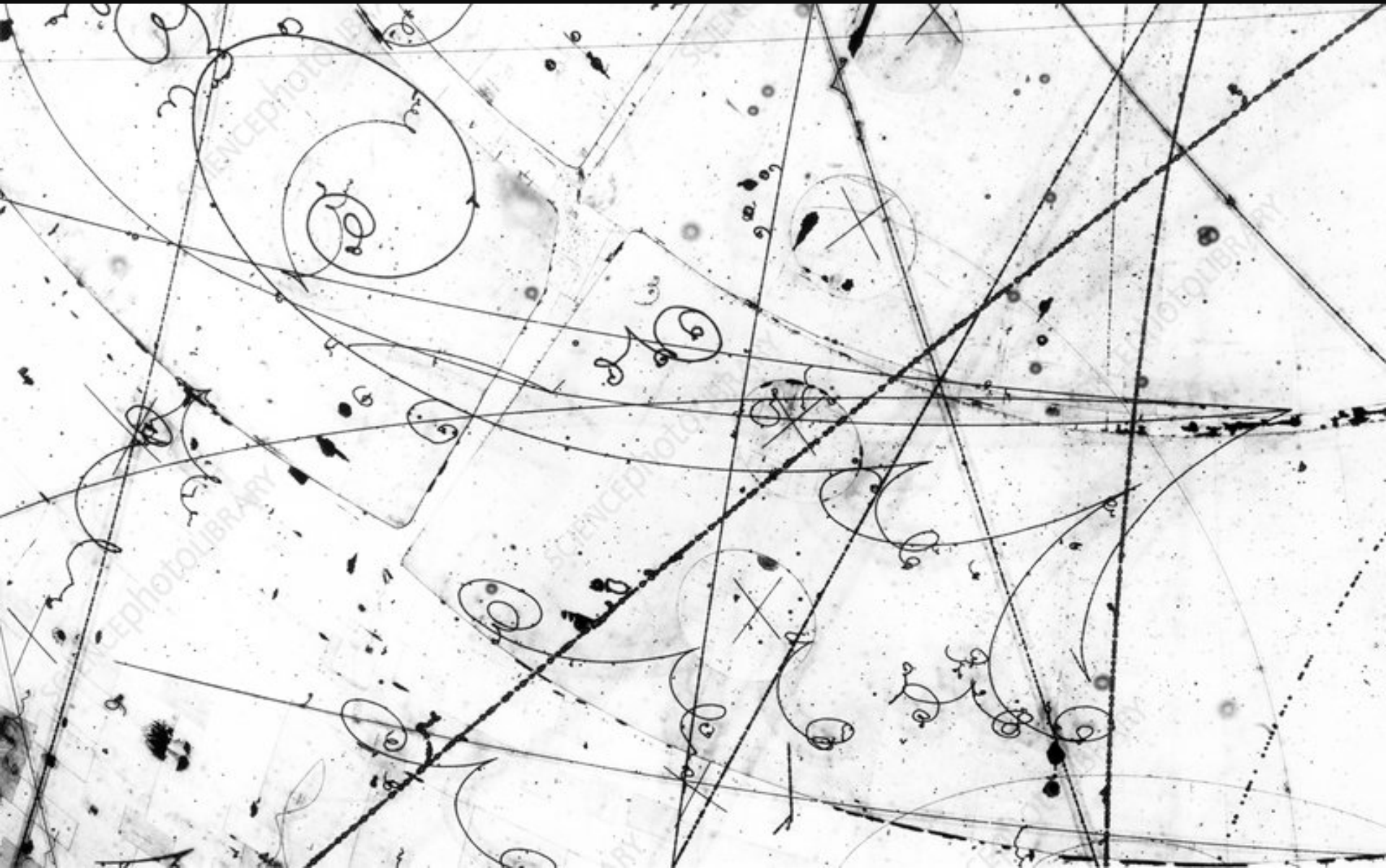
# Cosmic Ray Collision by CERN



<https://www.sciencephoto.com/media/1325/view/neutrino-particle-interaction-event>

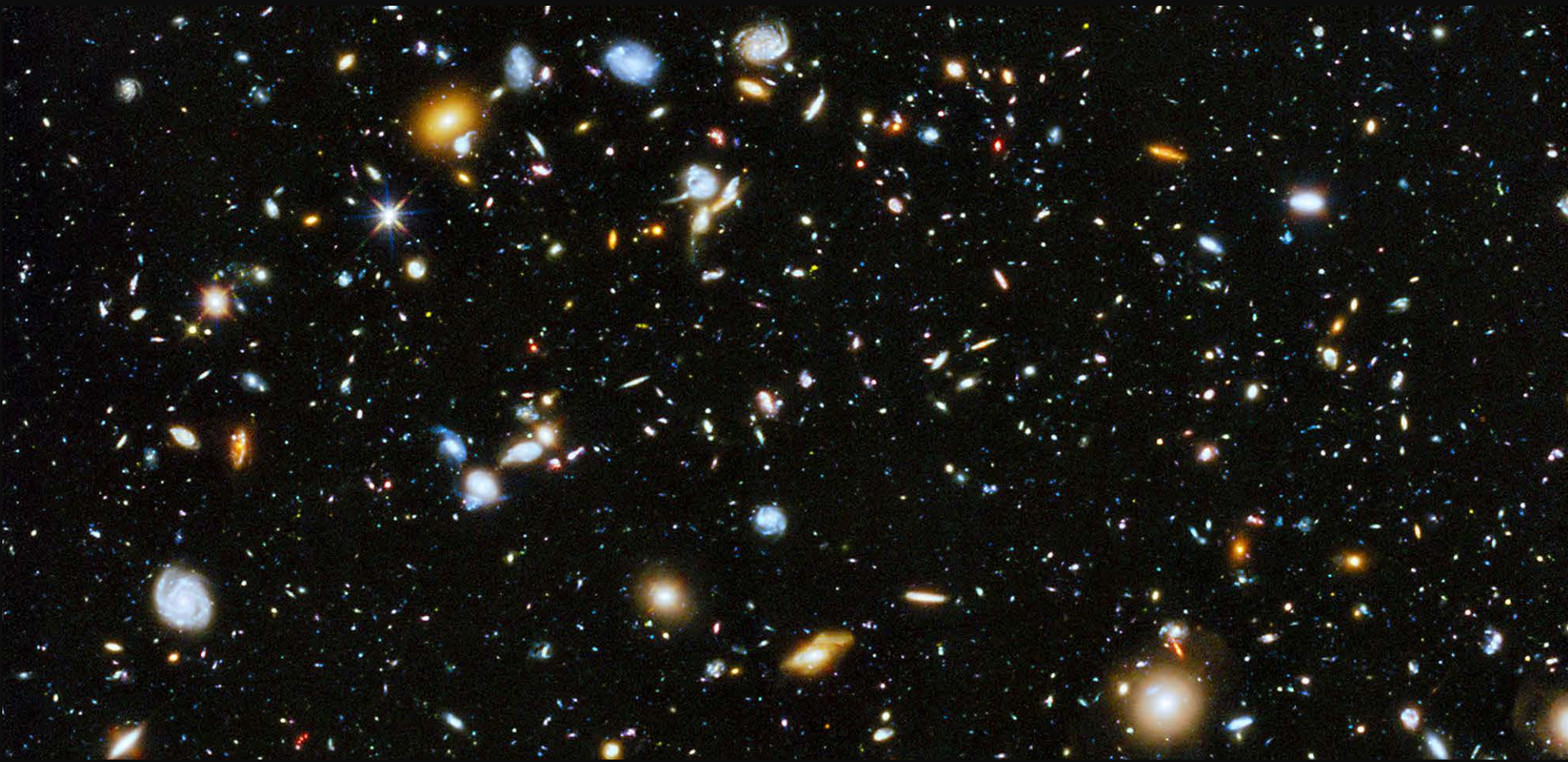


Photograph of a neutrino interaction event in the 15- foot bubble chamber at the Fermi National Accelerator Laboratory (Fermilab, Chicago)





# Hubble Ultra Deep Field (or HUDF) – Hubble Advanced Camera (2002-2012)



# What is a photograph?

- The photograph is a cultural / social artifact
- It is not a neutral document, it is shaped by beliefs
- It is an image that supposedly one has to learn how to read
- A visual record of a historical moment in time and space
- A representation that follows rules of how culture has evolved its understanding of images



To be continued...