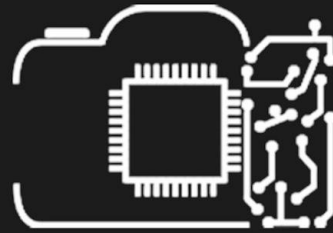
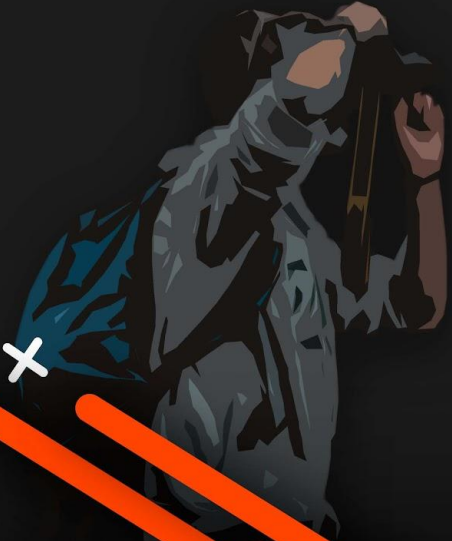
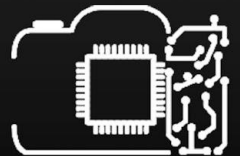


HISTORY & PHOTOGRAPHERS



NTUA Photography Club

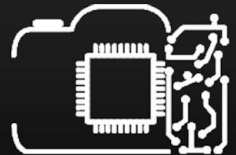
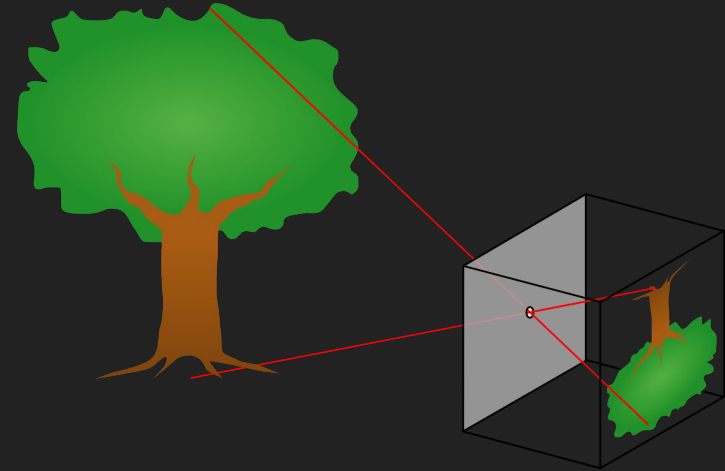
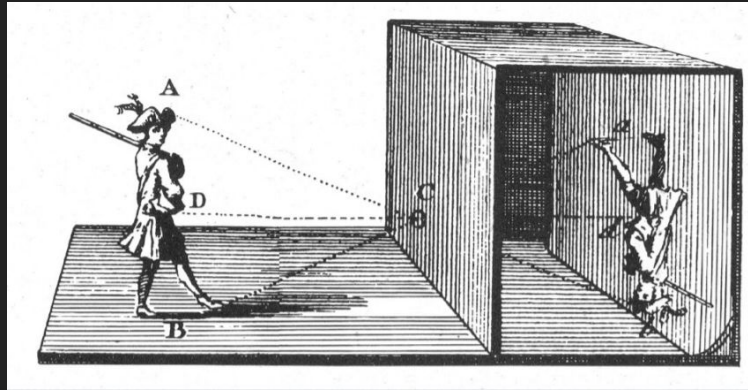
WELCOME !



Previously on NTUA Photography Club

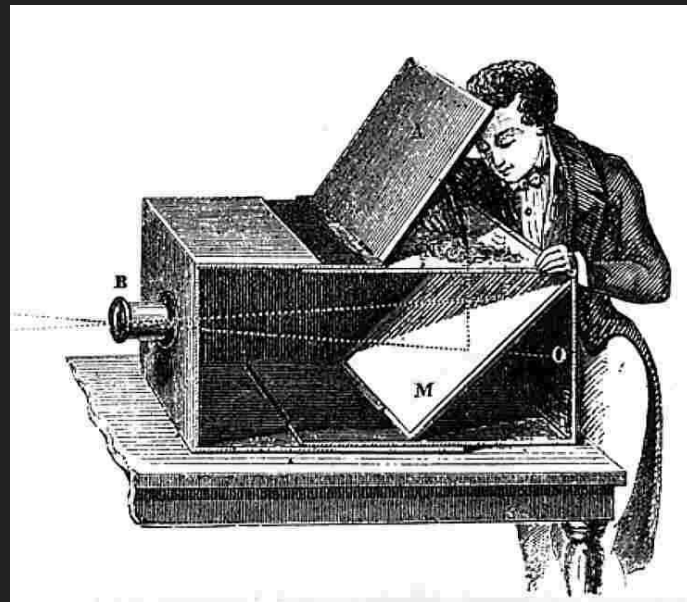
...

Camera Obscura

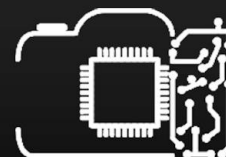




ASTRONOMY



DRAWING

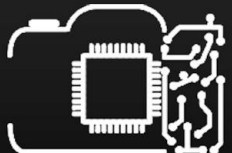


FROM WHEN ? ~ 400 B.C.

TO WHEN ? ~ 1830 A.C.

The main problem was than nobody could stabilize
were seeing through the hole. Partly, because
there hadn't been any big chemistry advancements
until that time.

x

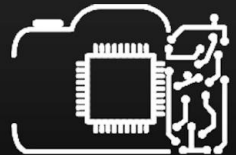


Ηλιογραφία

Nicephore Niepce
Inventor

"Inventor of photography"

8 HOURS OF
EXPOSURE TIME

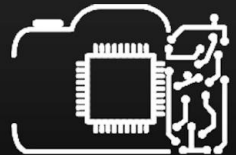


Daguerreotype

The first successful process was achieved by this guy on the right → in 1839 with the method, later called daguerreotype. The material used were a thin plate of silver (mirror like) and some liquid chemical. The median exposure time was not that great thought.



Louis
Daguerre
Artist



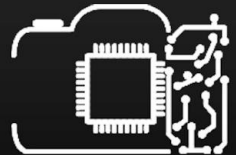
EXPOSURE TIME

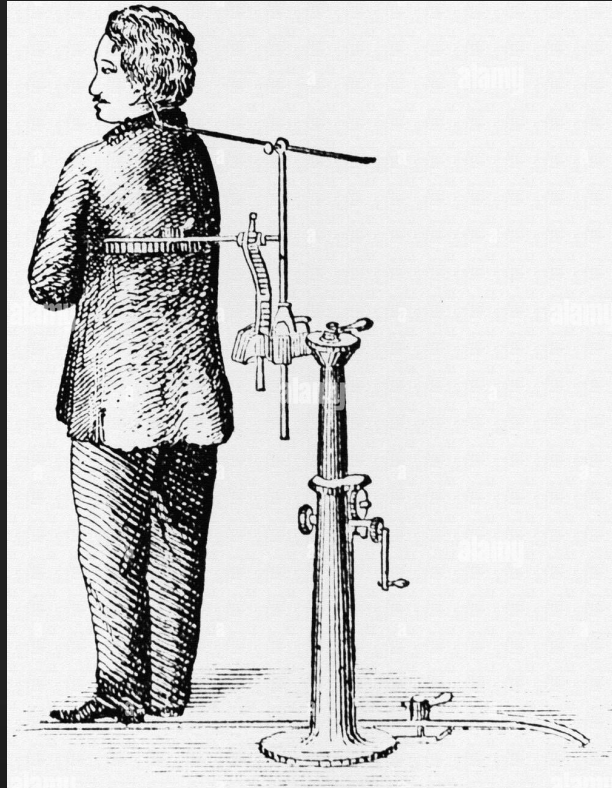
3 MINUTES - 15 MINUTES

MEH

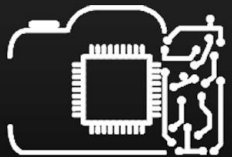
NOT IDEAL FOR PORTRAITS

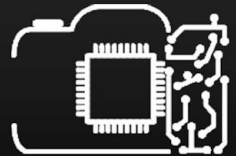
x





x





Talbotype / Calotype

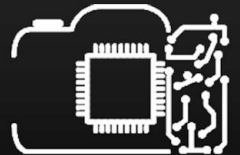
Not that much time after, in 1840, another guy called Talbot managed to create a **negative** photograph print using just a sheet of paper (really smooth one) and a chemical with the property of becoming darker when light would hit upon it. This method became much more attractive because it could create infinite copies of the same photograph.



"The Latticed Window"

Henry Fox Talbot

Inventor

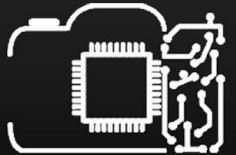


EXPOSURE TIME

10 SECONDS - 10s OF MINUTES

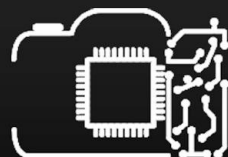
MEH .. BUT IN ORANGE

x



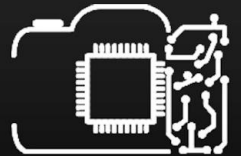


x



Wet plate collodion

Next era in photography arrived in **1850** when Mr. Scott Archer discovered the useful properties of collodion covering a thin plate of glass / tin with it and exposing it to the lens. However, he had to be really fast...and he could not shoot the sky... and sometimes a fire could break out (lol)

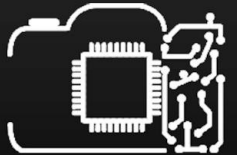


EXPOSURE TIME

10 SECONDS - 5 MINUTES

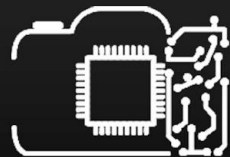
STILL MEH .. BUT BETTER
BETTER FOR PORTRAITS

x



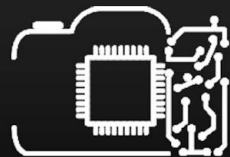


x



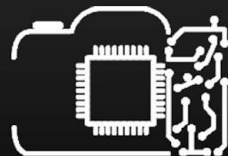


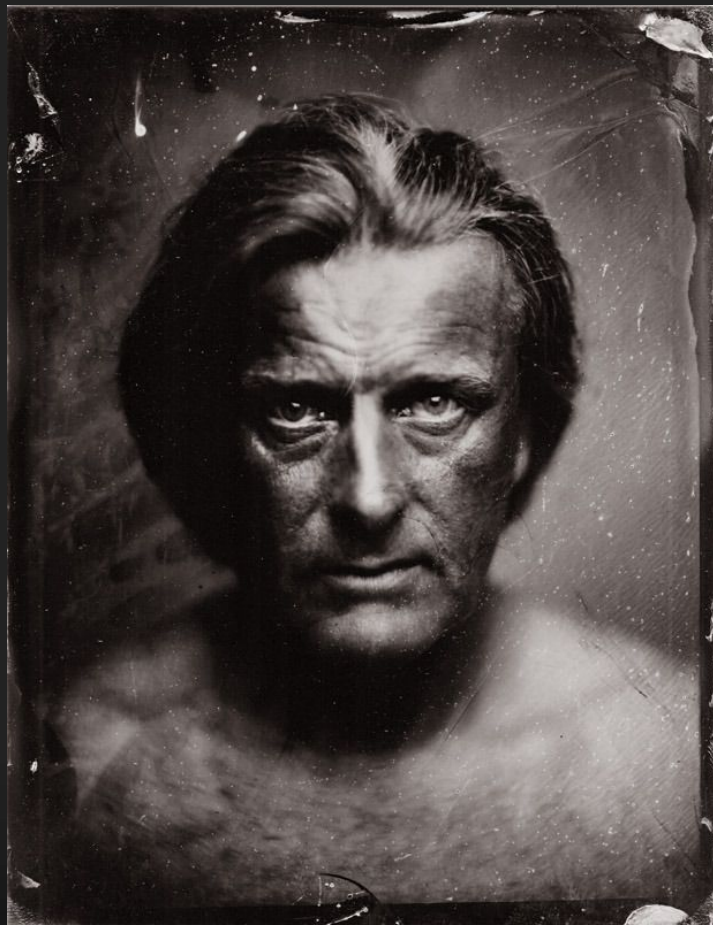
x



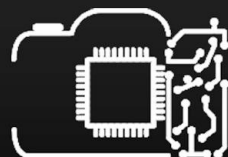


x



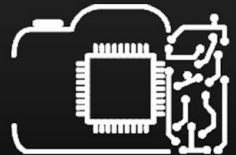


x



Dry plate

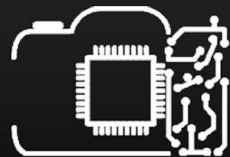
About 20 years later in 1870 a new technique arrived from a man called R.L.Maddox who experimented with coating a plate of glass and gelatine with silver compound. This type of plate could be used long time after the chemicals had been prepared and was the first that could be factory produced



x

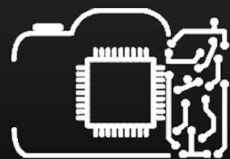


x



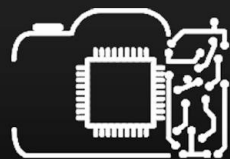


x





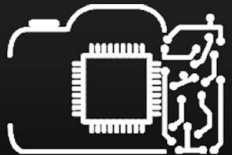
x



You saw that silver like metals were used pretty often in the beginning of photography's history.

Later when ISO was introduced the filters contained really small pieces of metal (like silver) and the bigger were the pieces the bigger was the ISO of the filter.

x

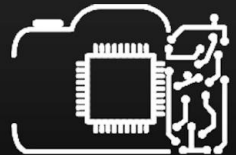


Film Photography

The first camera with film was a **Kodak** and was introduced in **1888** by George Eastman. It had fixed Aperture and fixed Shutter Speed. One could take up to **100 pictures**, then send the camera back to the factory and receive it with new film and 100 printed pictures.

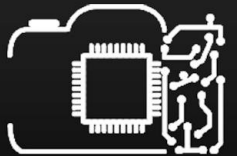


First Kodak Film Camera



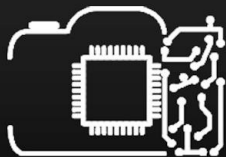


x



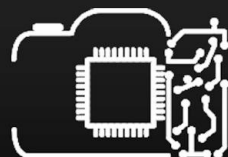


x





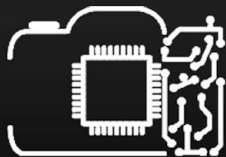
T. Herbert





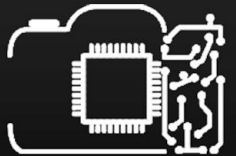
H. B. T.

D. T.





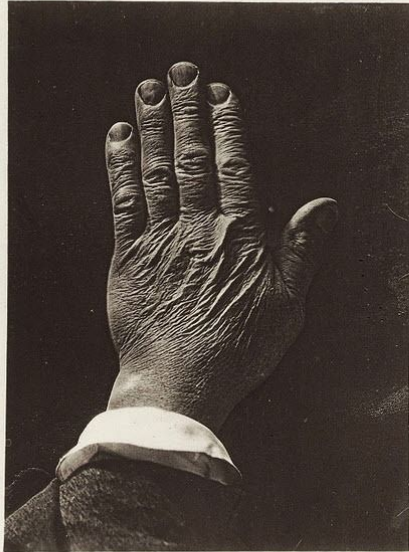
x



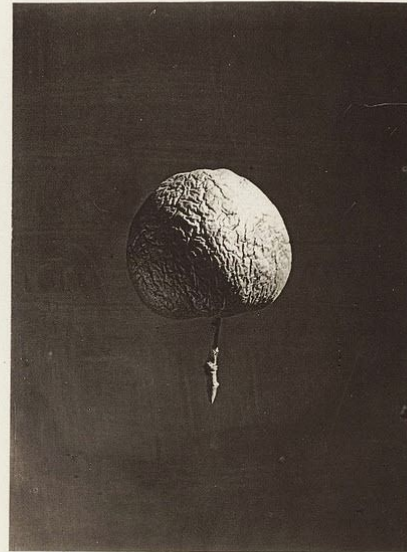
Back of Hand & Wrinkled Apple

James Nasmyth (1874)

PLATE II.

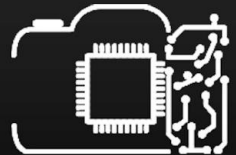


J. Nasmyth.

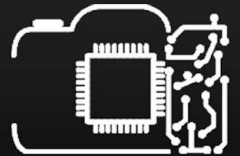
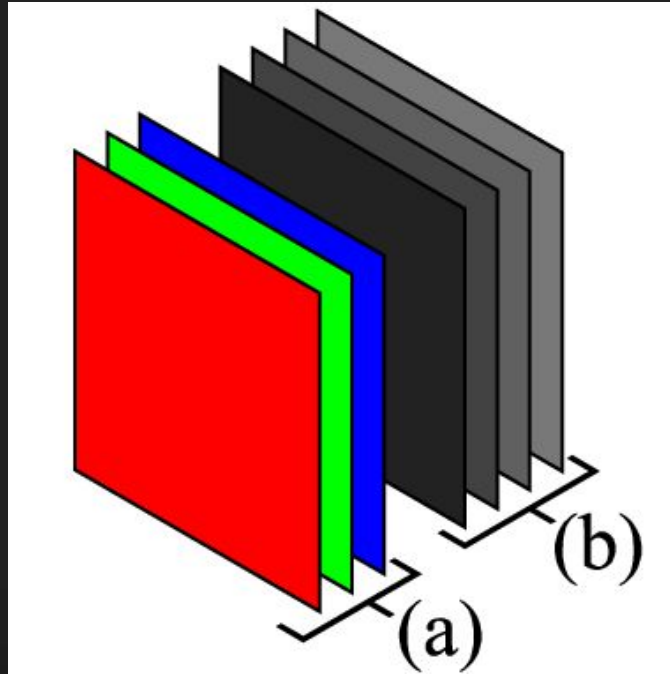


Helotype

BACK OF HAND & SHRIVELLED APPLE.
TO ILLUSTRATE THE ORIGIN OF CERTAIN MOUNTAIN RANGES
BY SHRINKAGE OF THE GLOBE.



WHERE THE HELL IS ALL THE COLOR ?

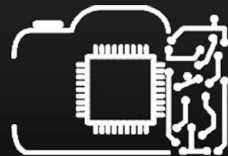


HAVE YOU EVER HEARD ABOUT THOMAS YOUNG ??



ME NEITHER

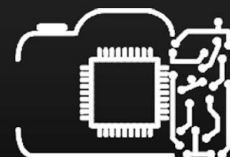
BUT APPARENTLY HE IS THE "FATHER" OF RGB



Color photography

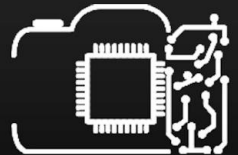


x



Color photography starts from the **Kodak** Laboratories and it dates back to **1935** (approximately 100 years after the first stable photograph). The camera technology didn't change, just the film technology did. The first color film was called "**Kodachrome**" and then renamed to "**Kodacolor**" (1942). It could capture light to all 4 layers of RGBA

R : Red, **G** : Green, **B** : Blue, **A** : Alpha



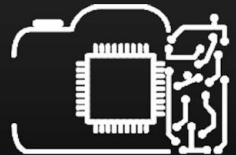
More popularity ... More growth



First Leica Camera
(1925)



First Zeiss Lens
(1889)



● **1930** First efforts for digital photography

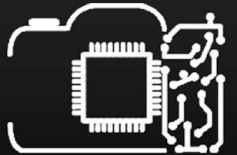
● **1936** First BBC broadcast

● **1948** Magnum is created

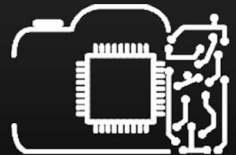
● **1975** First digital camera

● **1991** First DSLR camera (Kodak)

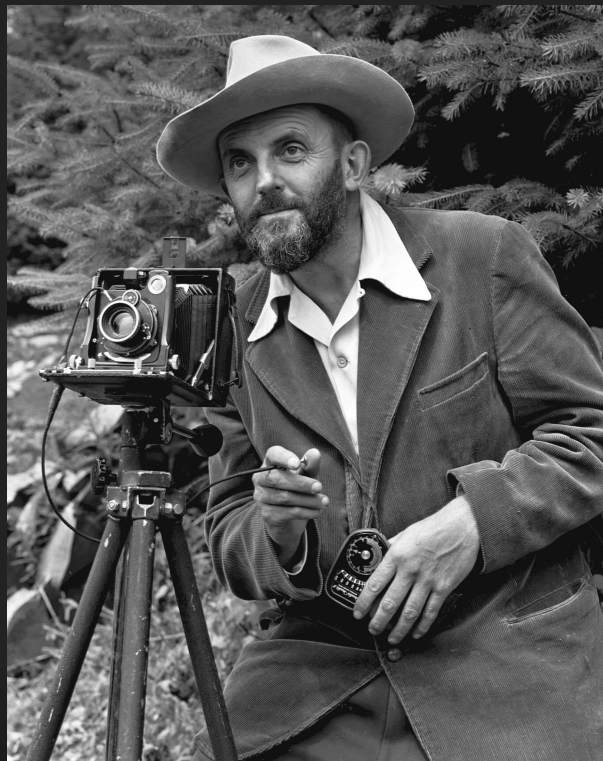
NOW



WANT A SMALL BREAK ?

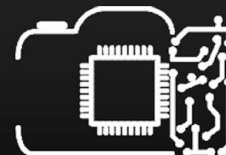


Ansel Adams (1902-1984)



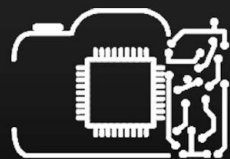
- Sharp & clear, high resolution photos
- Zone system (a way to determine exposure)

x



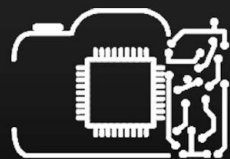


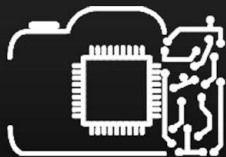
+

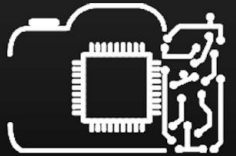


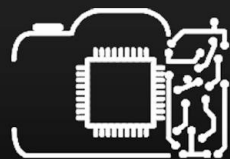
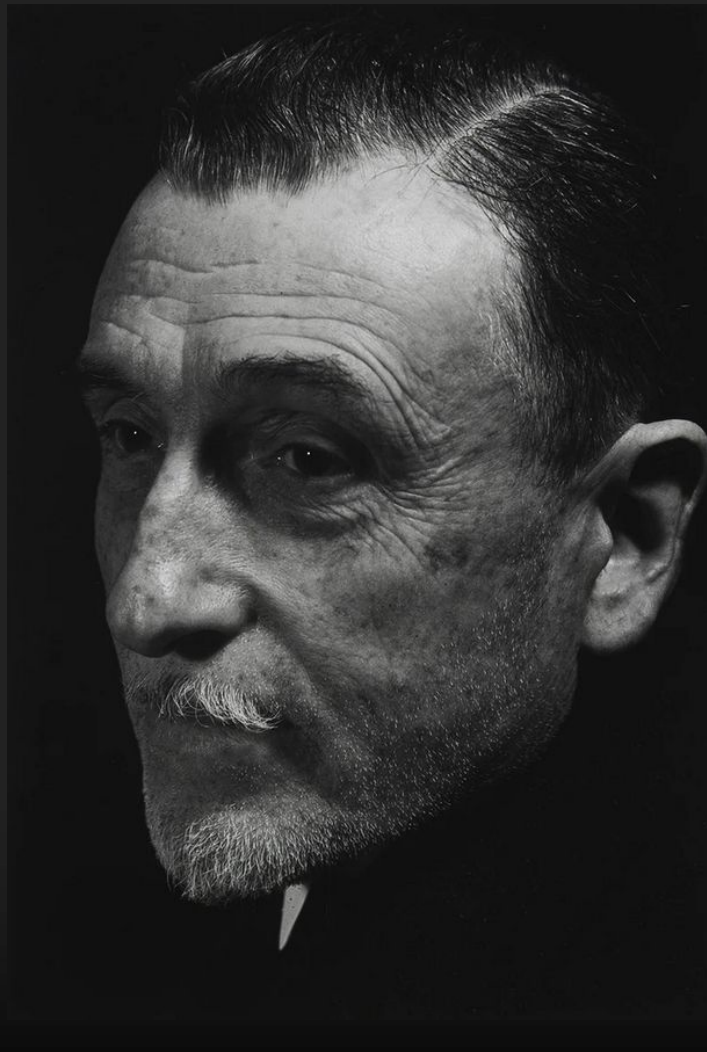


x





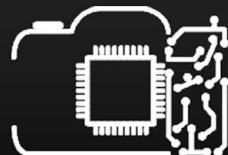




Robert Capa (American 1913-1954)

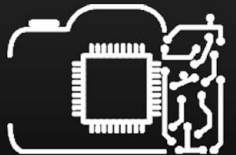


- (Greatest) War photographer
- Co-founder of Magnum
- Sadly, died in a war by a landmine



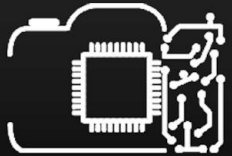
"If your photographs aren't good enough,
you're not close enough"

Rober Capa



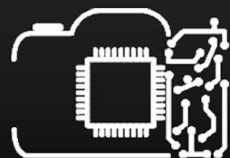


x



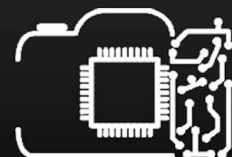


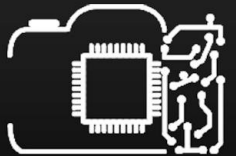
x

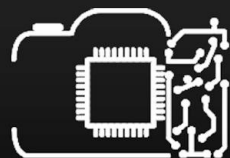




x



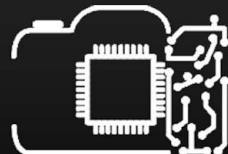




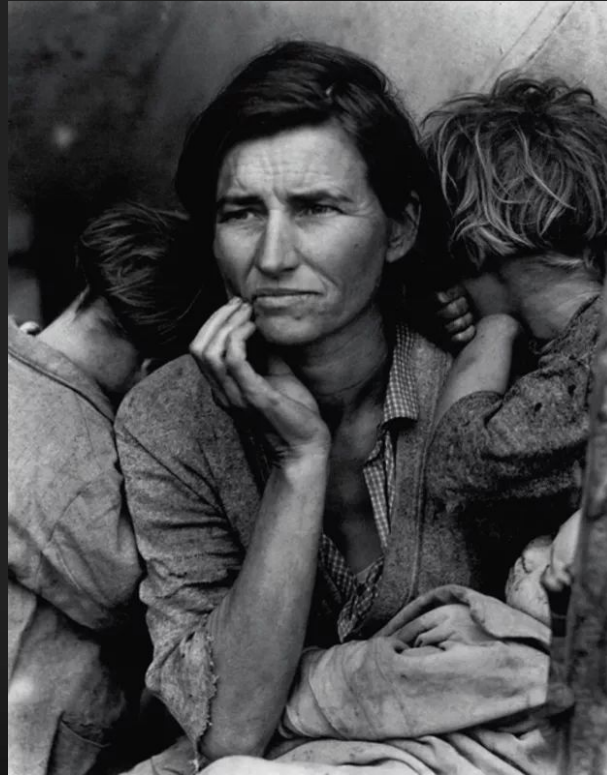
Dorothea Lange (American 1895-1965)



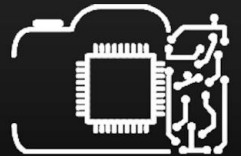
- Photographic trip around the world
- Documentary photographer



Migrant Mother
Nipomo, California (1936)



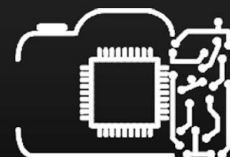
x



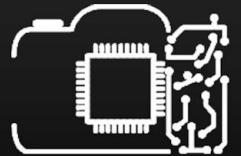
Ex-slave with Long Memory
Alabama (ca. 1937)



x



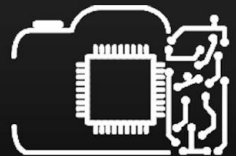
The Road West
New Mexico (1938)



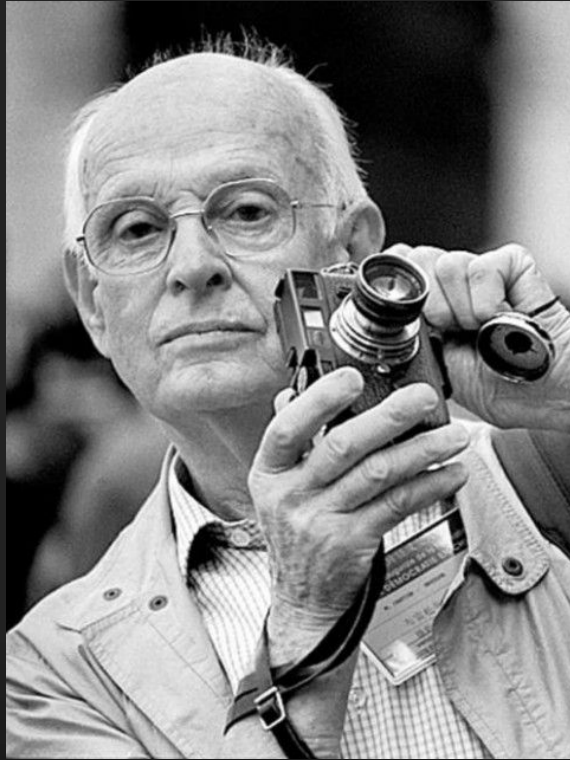
*Pledge of Allegiance
San Francisco (1942)*



x

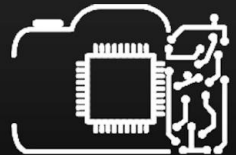


Henri Cartier Bresson (French 1908–2004)



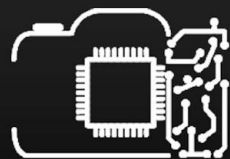
- Co-founder of Magnum
- Photojournalist
- He escaped prison

x



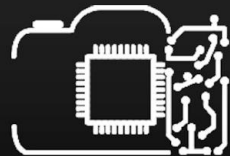


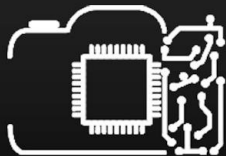
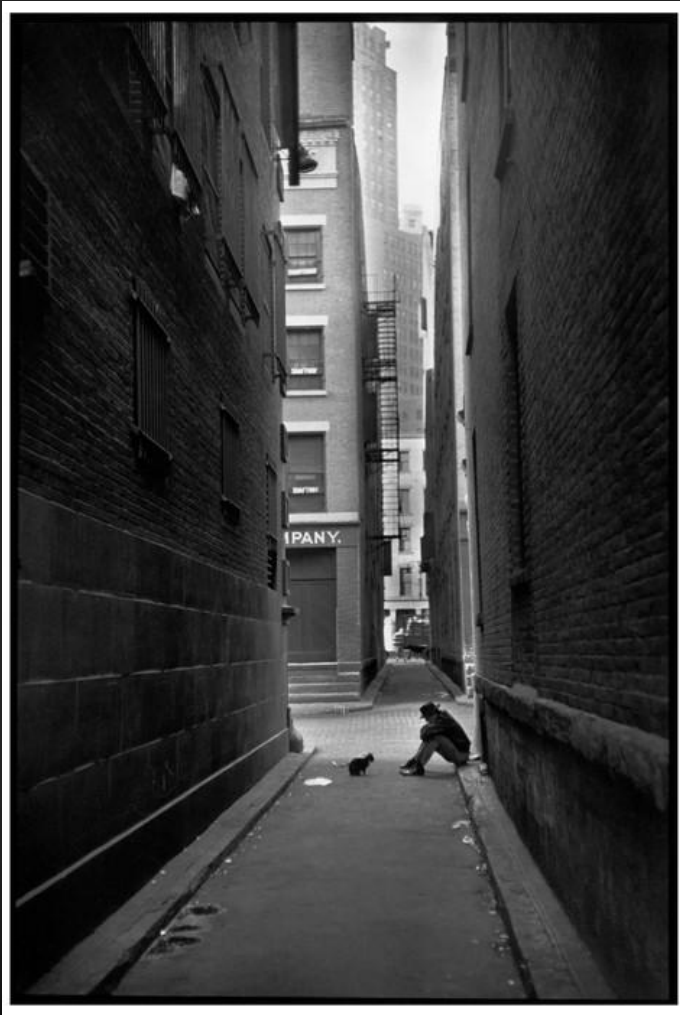
+





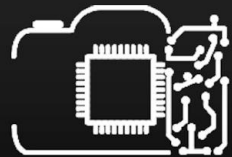
x

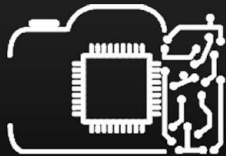






x

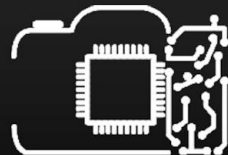




Annie Leibovitz (American, 1949–present)



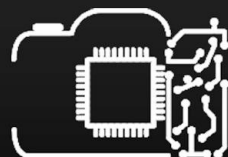
- Portrait Photography
- Intimate poses of her subjects





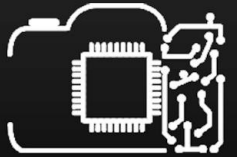
Carlo Zucchi

x





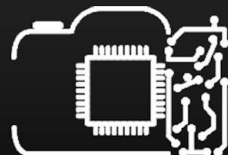
x

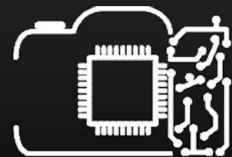




donnée gelée - un jour (1971) - ap. 5 - for Hayden Stephen - 1/000 - Anne

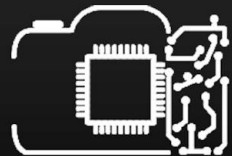
x





OTHER NOTABLE MENTIONS ...

x

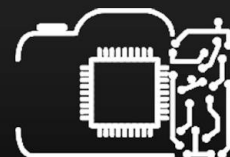


Afghan Girl

Steve McCurry (1985)



x

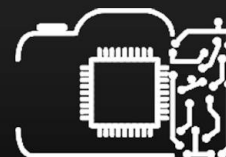


9/11

Thomas Hoepker



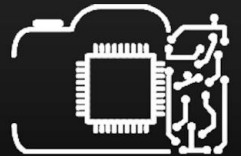
x



Balloon Seller, Kabul
Simon Norfolk



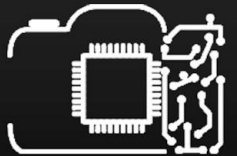
+



Muhammad Ali vs Sonny Liston
Neil Leifer



x



1999

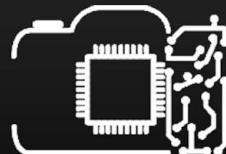
5,000 \$

World's
first
practical
DSLR



First Nikon DSLR

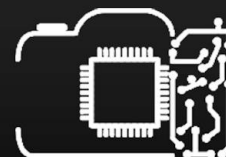
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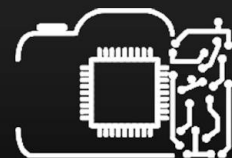


2000



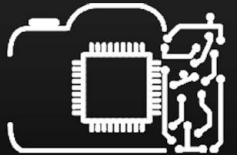
First Canon DSLR





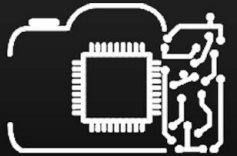


x





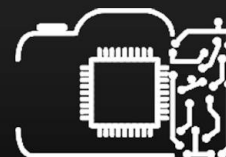
x



2008



First Mirrorless Camera
(OLYMPUS)

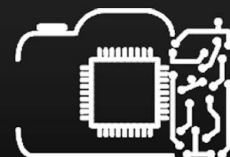


x

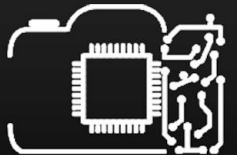
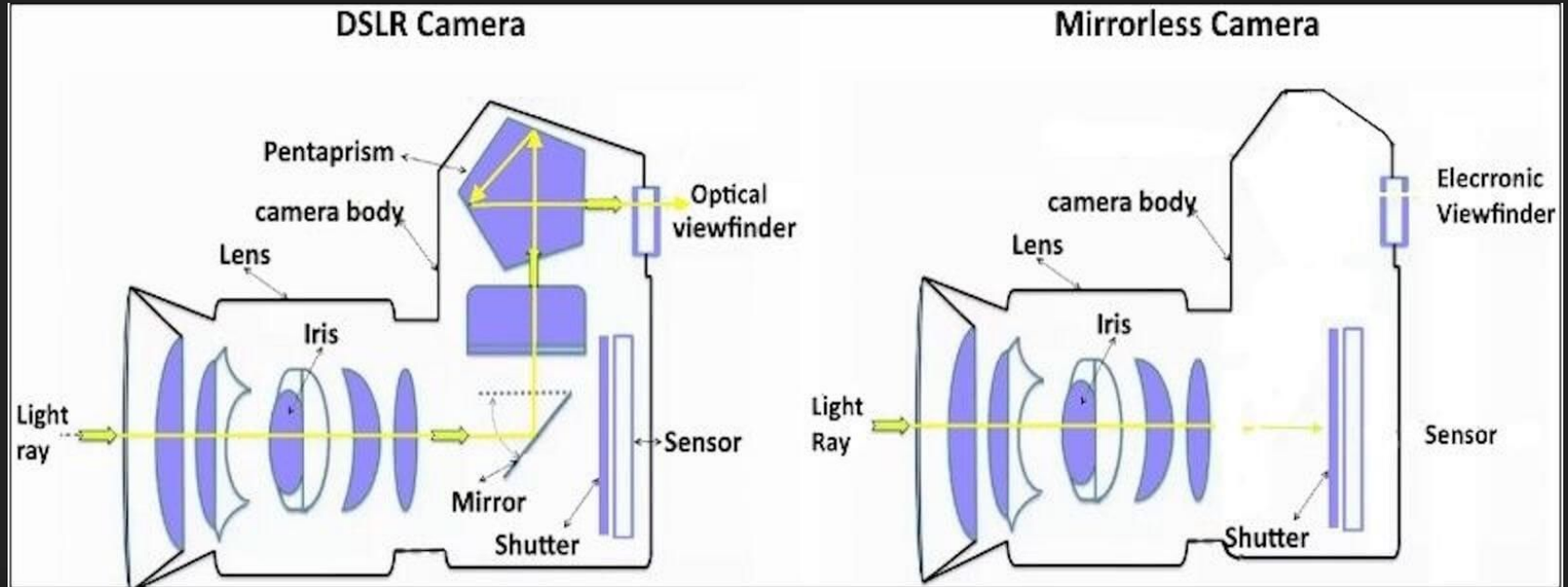
NOW

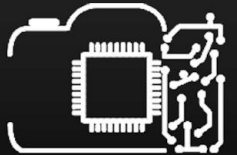


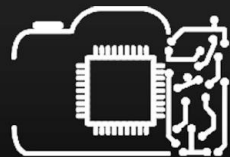
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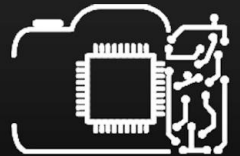


DSLR VS. MIRRORLESS









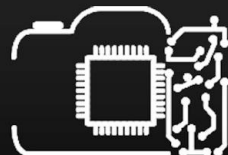


(a)



(b)

x



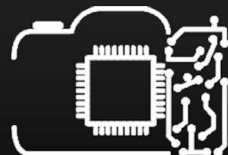


(a)



(b)

x



THANK YOU !!

x

