

# History of photography (part 2): documenting the world

CS 178, Spring 2014

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# Outline

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- ◆ everyday scenes
- ◆ architecture and archaeology
- ◆ wonders of the industrial age
- ◆ notable events
- ◆ the beginning of photojournalism
- ◆ wet plate photography
- ◆ Matthew Brady and the Civil War
- ◆ surveying the West



# Everyday scenes

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(Rosenblum)

Porta della Ripetta, Rome, 1846

(photograph by Calvert Jones)



# Everyday scenes

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(Gardner)

(Rosenblum)



Banks of the Seine at Sèvres, 1851

(photograph by Victor Regnault)



Harbor of La Rochelle, 1851

(painting by Corot)



# Architecture and archaeology

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(Newhall)



The Parthenon, 1869

(photograph by William James Stillman)



# Architecture and archaeology

(Newhall)

(Marc Levoy)



Notre Dame cathedral, 1851

(photograph by Charles Negre)





# Wonders of the industrial age

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(Rosenblum)

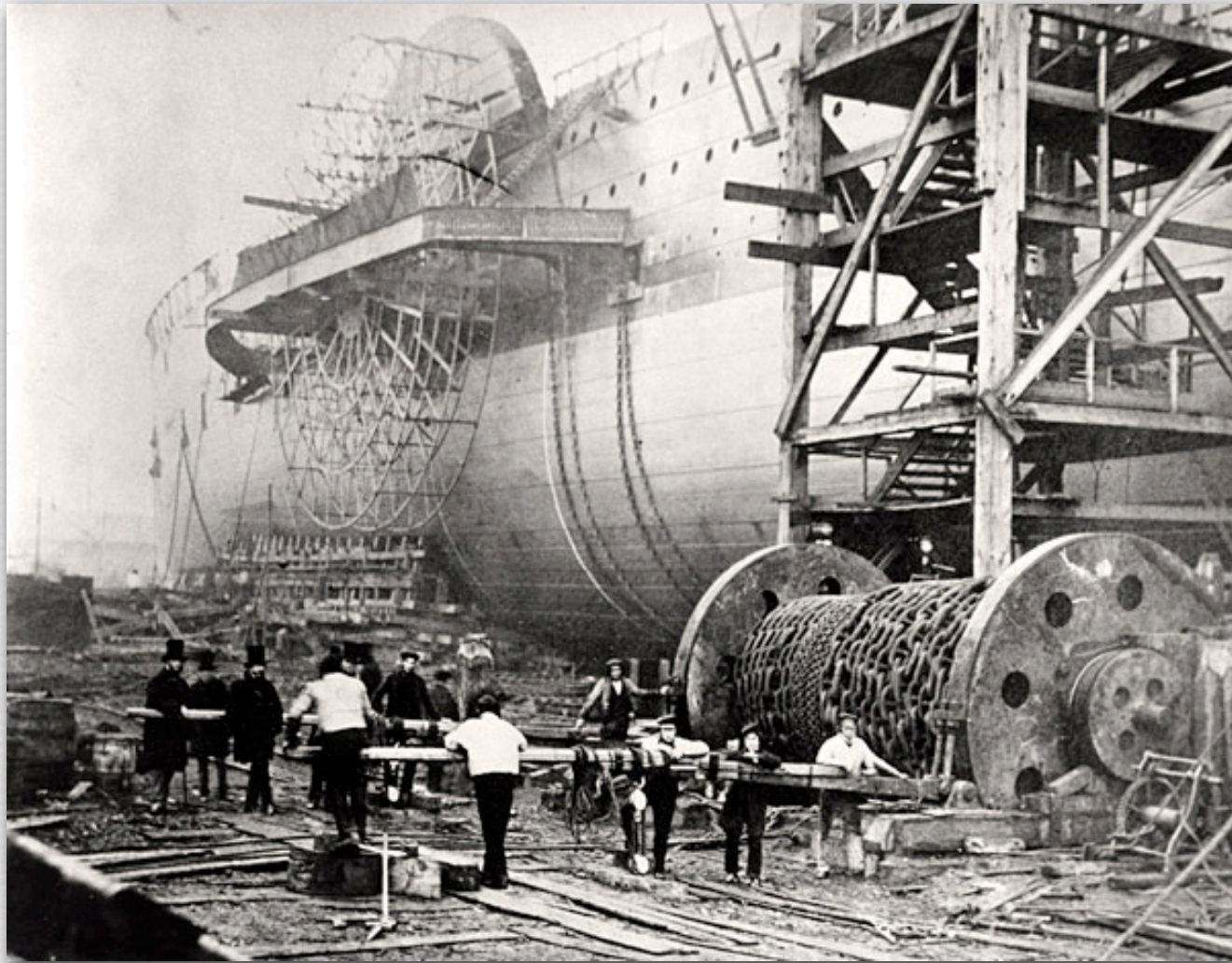
The Crystal Palace, London, c. 1853

(photograph by Philip Henry Delamotte)



# Wonders of the industrial age

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The Great Eastern being launched, 1858

(photographer unknown)



(Newhall)



Isambard Brunel,  
Builder of the Great Eastern  
(photograph by Robert Howlett)



# Notable events

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(Newhall)

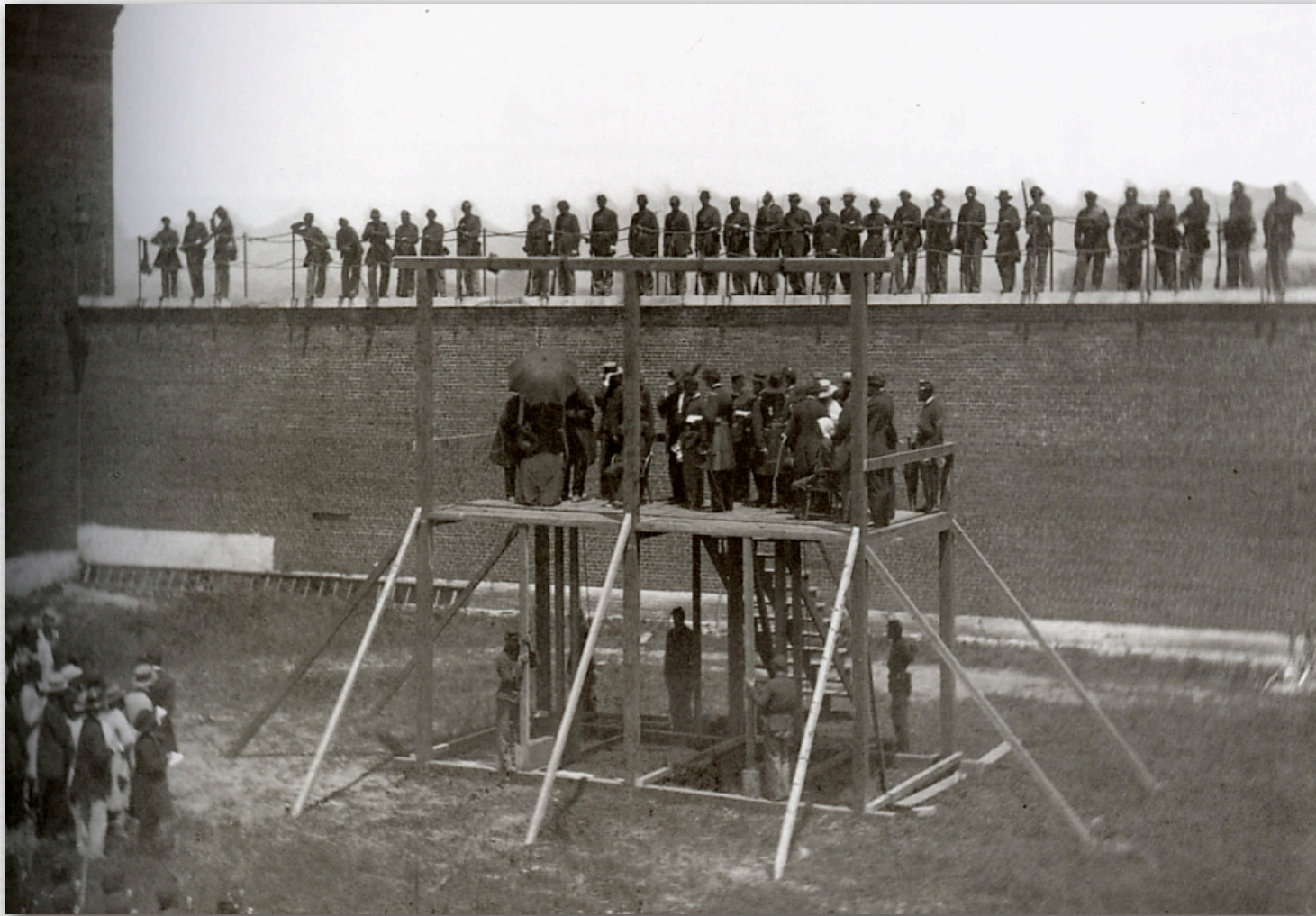
Meeting of the Rails, 1869

(photograph by Andrew J. Russell)



# The beginnings of photojournalism

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(Rosenblum)



# The beginnings of photojournalism

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(Rosenblum)

Execution of the co-conspirators, 1865

(photograph by Alexander Gardner)



# The beginnings of photojournalism

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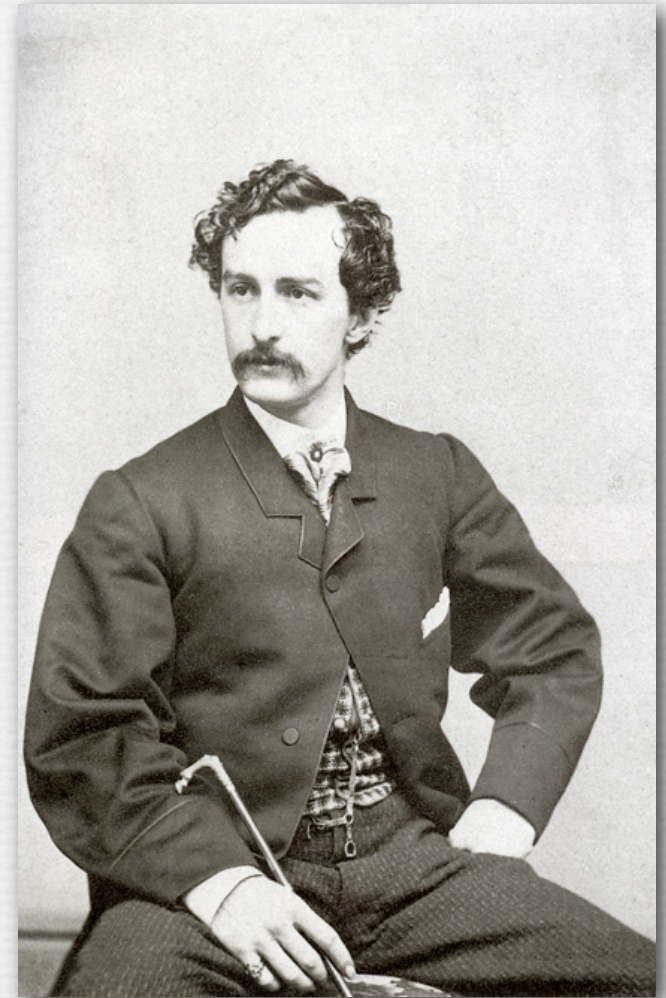
(Library of Congress)



Abraham Lincoln, 1865

(photograph by Alexander Gardner)

(Rosenblum)



John Wilkes Booth



# Wet-plate collodion photography

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- ◆ developed in 1851 by Frederick Scott Archer
  - **clean** the glass plate (extremely well)
  - **flow** the glass plate with "salted" (iodide/bromide) collodion
  - **immerse** the plate in a silver nitrate bath (for 3-5 minutes)
  - **expose** the plate (from one second to several minutes)
  - **develop** the plate (using an ferrous sulfate based developer)
  - **fix** the plate (with potassium cyanide or sodium thiosulfate)
- ◆ any number of prints can be made
- ◆ exposure must immediately follow silvering, so requires a traveling darkroom



# Matthew Brady (1822-1896)



(wikipedia)

(Rosenblum)



a wet plate photographer at work, circa 1877

(illustrator unknown)



# Matthew Brady and the Civil War

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Colonels of the 164th New York Cavalry



# Matthew Brady and the Civil War

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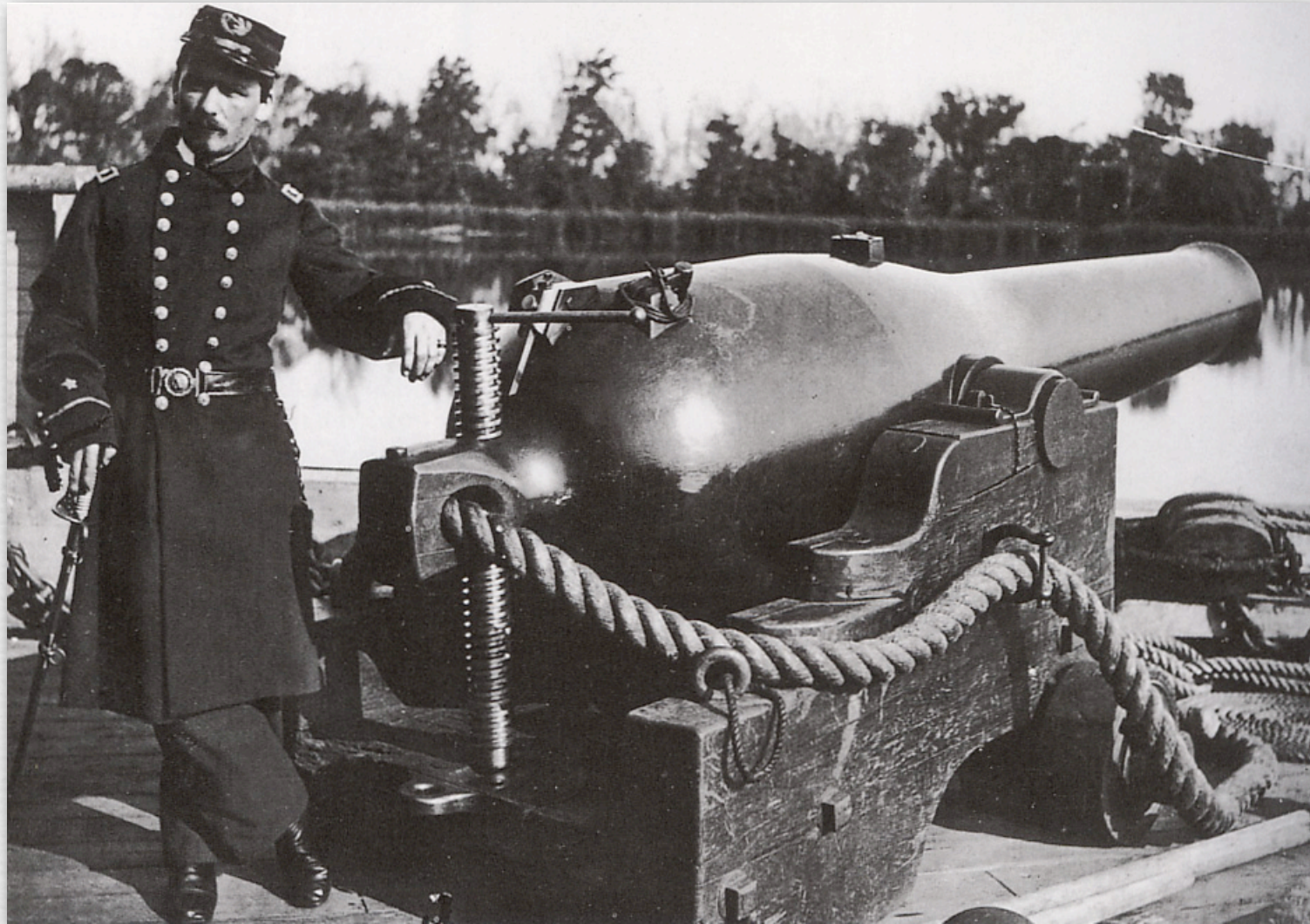
(Garrison)

Camp life



# Matthew Brady and the Civil War

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(Garrison)

Artillery



# Matthew Brady and the Civil War

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(Garrison)

Fortifications



# Matthew Brady and the Civil War

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(archives.gov)



Lincoln visiting Antietam, 1862



# Matthew Brady and the Civil War

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(Garrison)



- bloodiest battle in American history (23,000 casualties)
- this photograph was probably posed

Dead at Antietam, 1862

(photograph by Alexander Gardner)



# Matthew Brady and the Civil War

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(Archives)

The Ruins of Richmond, Virginia, 1865



# Matthew Brady and the Civil War

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General William Tecumseh Sherman, 1865



# Surveying the West

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(Rosenblum)

The Hayden Survey, 1870

(photographed by William Henry Jackson)







# Landscape tourism

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(Truettner)



Thomas Cole, Crawford Notch, 1839



# Landscape tourism

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(Salinger)



Alfred Bierstadt, The Rocky Mountains, 1863



# Surveying the West

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(Archives)



Grand Canyon, 1882

(ink and watercolor by William Holme)

Grand Canon of the  
Colorado River, 1871

(photographed by John K. Hillers)





# The founding of Yellowstone Park

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(NPS)

Grand Canyon of the Yellowstone, 1871

(photographed by William Henry Jackson)



# The founding of Yellowstone Park

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(NPS)

Grand Canyon of the Yellowstone, 1872

(watercolor by Thomas Moran)



# Slide credits

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