

MIT OpenCourseWare
<http://ocw.mit.edu>

STS.003 The Rise of Modern Science
Spring 2008

For information about citing these materials or our Terms of Use, visit: <http://ocw.mit.edu/terms>.

STS.003

Spring 2008

Keywords for Week 8

Lecture 13: The Image of Objectivity

Bernhard Albinus (1697-1770)

Table of the Skeleton and Muscles of the Human Body (1749)

Idealized image

William Cheselden (1688-1752)

Osteographia, or The Anatomy of the Bones (1733)

Characteristic image

Camera obscura

Johann Wolfgang von Goethe (1749-1832)

The *Urpflanze* (archetypal plant)

Sir Joseph Dalton Hooker (1817-1911)

Composite image

Daguerreotype

Sir Francis Galton (1822-1911)

Composite portraits of criminals

Étienne-Jules Marey (1830-1904)

Myograph

Photographic gun

Mechanical objectivity

Wilhelm Conrad Röntgen (1845-1923)

“On A New Kind Of Rays” (1895)

Radiograph (X-ray picture)

Lecture 14: Freud and the Science of the Mind

Jean Martin Charcot (1825-1893)

Salpêtrière Hospital, Paris

Hippolyte Bernheim

Hysteria

Hypnosis

“Hysterics suffer from reminiscences”

Talking cure

Anna O.

Joseph Breuer (1842-1925)

Sigmund Freud (1856-1939)

“Free association”

Seduction hypothesis

Oedipus complex

Structural model of the mind

Interpretation of Dreams (1900)

“Dreams are the royal road to the unconscious”

Shell shock