

INTO THE ATOM RESOURCES

Websites of Interest

The American Institute of Physics has a rich collection of web features covering many of the key moments in the discovery of atomic structure. To get a sense of the whole collection, go here:

<http://www.aip.org/history/exhibits.html>

These specific features are especially relevant:

The Discovery of the Electron: <http://www.aip.org/history/electron/>

Marie Curie and the Science of Radioactivity: <http://www.aip.org/history/curie/>

Rutherford's Nuclear World: <http://www.aip.org/history/exhibits/rutherford/>

Lawrence and the Cyclotron: <http://www.aip.org/history/lawrence/>

The Discovery of Fission: <http://www.aip.org/history/mod/fission/fission1/01.html>

The ChemTeam, an online archive of educational resources, includes a detailed section on the discovery of atomic structure: <http://www.chemteam.info/AtomicStructure/AtomicStructure.html>

For Serious Students

Boorse, Henry A. and Lloyd Motz. *The World of the Atom*, (two volumes). New York: Basic Books, 1966. A collection of short essays on key figures in the history of the atom, with original papers from many of them.

Pais, Abraham. *Inward Bound: Of Matter and Forces in the Physical World*. Oxford: Clarendon Press, 1986.

Nye, Mary Jo, ed. *The Question of the Atom*. Los Angeles: Tomash Publishers, 1986. A selection of primary sources on the atom, from the 1860 Karlsruhe Congress to the 1911 Solvay Conference following the discovery of the nucleus.

See the Learn More page on Harry Moseley for more resources.