Lecture 19: Physics and the Cold War

*Duck and Cover* instructional film (1951)
Cold War
Winston Churchill, “Iron Curtain” speech (1946)
Truman Doctrine (1947)
Policy of Containment
Marshall Plan (1947)
National Security Act (1947): DoD, CIA, NSC
North Atlantic Treaty Organization (NATO), 1949
Warsaw Pact (1955)
Joseph McCarthy (1908-1957), Senate Permanent Investigations Subcommittee
House Un-American Affairs Committee (1938-1975)
Klaus Fuchs (1911-1988)
The Rosenbergs, Julius (1918-1953) and Ethel (1915-1953)
David Greenglass (b. 1922)
J. Robert Oppenheimer (1904-1967)
General Advisory Committee of the Atomic Energy Commission
Oppenheimer Security Hearing, 1954
Teller-Ulam design of the H-bomb
Lawrence Livermore National Laboratory
US Hydrogen Bomb Test: November 1952
Andrei Sakharov (1921-1989)
Igor Kurchatov (1903-1960)
Soviet Hydrogen Bomb Test: November 1955
Marshal Mitrofan Nedelin (1902-1960)
Soviet Hydrogen Czar-Bomb Test: October 1961
Castle Bravo US Hydrogen Bomb Test, Bikini Atoll: March 1954
Limited Nuclear Test Ban Treaty, 1963
Moscow Human Rights Committee (1970)
*Reflections on Progress, Peaceful Coexistence, and Intellectual Freedom* (1968)