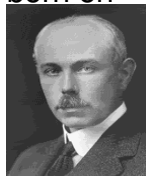


## September Historical Events In Spectroscopy

by Leopold May  
Catholic University

September 1, 1877  
born on



discovery by  
non-

rule.

Francis W. Aston who introduced the mass spectrograph in 1919, was this day. In 1922, he received the Nobel Prize in Chemistry for his means of his mass spectrograph, of isotopes, in a large number of radioactive elements, and for his enunciation of the whole-number

September 8, 1966

First "Star Trek" telecast appeared on this day.

September 9, 1929

The discovery of Konel, a cobalt-nickel alloy, was announced on this date by Westinghouse Laboratories.

September 10, 1892



received the  
after him. He

Arthur H. Compton did research in cosmic and X-rays for which he Nobel Prize in Physics in 1927 for his discovery of the effect named was born on this day.

September 13, 1937

Polaroid Corporation was incorporated on this date.

September 14, 1698

The birthday of Charles F. de Cisternay DuFay who discovered + and - electricity and repulsion between like charges and named them "vitreous" and "resinous". He did research in phosphorescence and double refraction.

September 15, 1968

McCarthy Scientific Company was founded on this day.

September 17, 1901  
this day.

Peter Cooper Hewitt obtained a patent for the mercury vapor lamp on

September 20, 1842

James Dewar, who invented the vacuum flask (Dewar flask) in 1892, was born on this day. In 1899, he was the first to liquefy hydrogen. He showed that many common substances phosphoresce at liquid air temperature and discovered

cordite with  
Frederick A. Abel.



September 22, 1791 Michael Faraday, who was born on this day, discovered that plane polarized light rotated in a magnetic field. He also discovered electromagnetic induction, specific inductive capacity, and Faraday's Laws on electrolysis.

September 25, 1928 On this date, Motorola was incorporated as Galvin Mfg. Corp.

September 25, 1941 National Technical Laboratories (forerunner of Beckman Instruments) announced the UV-visible Beckman Spectrophotometer model DU on this date.

September 27, 1934 The announcement of discovery of a synthetic abrasive to replace diamond was made on this day.



September 29, 1901 Enrico Fermi, a researcher on neutron-induced nuclear reactions, was born on this day. He received the Nobel Prize in Physics in 1938 for his demonstrations of the existence of new radioactive elements produced by neutron irradiation, and for his related discovery of nuclear reactions brought about by slow neutrons.