- The prize for the year 1930 was awarded to:
- RAMAN, Sir CHANDRASEKHARA VENKATA, professor of physics at the University of Calcutta, born 1888; "for his works on the diffusion of light and for the discovery of the effect known by his name."
- The prize for the year 1931 was allocated in 1932 to the special fund for this group of prizes.
- The prize for the year 1932 was awarded in 1933 to:
- Heisenberg, Werner, professor of theoretical physics at the University of Leipzic, born 1901; "for the creation of the quantum mechanics whose application has among other things led to the discovery of the allotropic forms of hydrogen."
- The prize for the year 1933 was divided equally between:
- Schrödinger, Erwin, professor of theoretical physics at the University of Berlin, born 1887; and
- DIRAC, P. A. M., professor of mathematics at the University of Oxford, born 1902; "for the discovery of new fertile forms of the atomic theory."
- The prize for the year 1934 was allocated in 1935 with one third to the main fund of the Foundation and with two thirds to the special jund for this group of prizes.
- The prize for the year 1935 was awarded to:
- Chadwick, James, professor of physics at the University of Liverpool, born 1891; "for his discovery of the neutron."
- The prize for the year 1936 was equally divided between:
- Hess, Victor Franz, professor of experimental physics at the University of Innsbruck and director of the Institute for Radiation Research, born 1883; "for his discovery of cosmic radiation"; and