

3 share Nobel Physics Prize, 2 Chemistry Prize

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STOCKHOLM, Oct. 19:—U.S. scientists Nicolas Bloembergen and Arthur Schawlow and Kai Siegbahn of Sweden won the Nobel Prize for Physics today for their work on atomic systems the Royal Swedish Academy of Sciences announced, reports Reuter.

Half the 200,000-dollar prize went to Bloembergen, of Harvard University and Schawlow of Stanford University for their research on atomic systems using laser light.

Siegbahn of Uppsala University won the other half for his studies of electrons expelled from atomic systems.

Reuter adds: Kenichi Fukui of Japan and Roald Hoffmann, a Pole living in the United States were awarded the Nobel Prize for Chemistry here today for work on chemistry reactions, the Royal Swedish Academy of Sciences said.

Dr. Fukui, born in Nara, Japan, in 1918; is Professor of Physical Chemistry at Kyoto University.

Dr. Hoffmann, Professor of Physical Sciences at Cornell University, New York; was born in Poland in 1937 and emigrated to the United States in 1949.

The academics took the 200,000 dollar prize for theories developed independently on the course of chemical reactions the academy said.