

Information and Announcements



Nobel Prizes – 1998

The Royal Swedish Academy of Sciences has awarded the 1998 Nobel Prizes to the following

Chemistry: In the area of quantum chemistry to

WALTER KOHN, University of California at Santa Barbara, USA for his development of the density-functional theory.

JOHN A POPL, Northwestern University, Evanston, Illinois, USA (British citizen) for his development of computational methods in quantum chemistry.

Physics:

ROBERT B LAUGHLIN, Stanford University, California, USA

HORST L STÖRMER, Columbia University, New York & Bell Labs, New Jersey, USA

DANIEL C TSUI, Princeton University, Princeton, New Jersey, USA

Jointly for discovering that electrons acting together in strong magnetic fields can form new types of 'particles' with charges that are fractions of electron charges.

Physiology or Medicine:

ROBERT F FURCHGOTT, SUNY Health Science Centre, New York, USA

LOUIS J IGNARRO, UCLA School of Medicine, Los Angeles, USA

FERID MURAD, University of Texas Medical School at Houston, USA

Jointly for their discoveries concerning 'nitric oxide as a signalling molecule in the cardiovascular system'.

