

CURRICULUM VITAE AND GENERAL SURVEY

Prof. Ing. Zdeněk Janout, CSc.

Personal data

Born on July 9th, 1935, married, his wife works as a teacher, three children

Education

1960 Graduated in nuclear physics, Faculty of Technical and Nuclear Physics, CTU

1971 Candidate of science in physics (postgraduate studies PhD)

Thesis: "Study of N-N elastic scattering"

1977 Associated Professor; Habilitation thesis: "Measurements of the polarization of protons in pion-proton backward elastic scattering"

1995 Professor of Experimental Physics

Research activity

1960 – 1962 assistant lecturer FNSPE CTU

1962 - 1964 senior lecturer FNSPE CTU

1965 - 1968 scientist, JINR Dubna (Russia)

1969 - 1970 charge de recherche, IPN Orsay (France)

1971 3 months scientist, CERN Geneve (Switzerland)

1971 - 1977 senior lecturer FNSPE CTU

1977 - 1995 associated professor

1978 3 months senior scientist, JINR Dubna (Russia)

1986 6 months senior scientist, JINR Dubna (Russia)

1992 3 months visiting scientist, LNS Saclay (France)

1995 up to now professor

1959- 1962 study of the inelastic scattering of neutrons by nuclei on cascade generator, IPN CSAS, Prague - Hostivar

1963- 1964 methodical measurement of the angular gamma-gamma correlation, IPN CSAS, Rez near Prague

1965- 1968 study of the polarization effects in N- N elastic scattering on synchrocyclotron 660 MeV at JINR Dubna

1969- 1972 study of the polarization of hadrons in hadron-proton elastic scattering on synchrotron 28 GeV at CERN

1973- 1990 study of the decay of oriented radioactive nuclei on the SPIN facility at JINR Dubna

1978- 1995 - applied nuclear spectroscopy (analytical applications of the high-energy prompt gamma-rays arising from the radiation capture or inelastic scattering of neutrons by atomic nuclei)

- radon and daughter products monitoring

1990- 2002 study of the polarization parameters of nucleons in N- N elastic scattering on synchrotron Saturne II at LNS Saclay

Publications

Author or co-author of more than 90 papers in scientific journals, several patents, reports on conferences, popularly-scientific publications.