

Rajendran Raja
Brief CV

Rajendran Raja was educated at Trinity College Cambridge, England where he was elected Exhibitioner(1968), Senior Scholar (1969) and Fellow (1973). He obtained his Ph.D in 1975 from the Cavendish Laboratory, Cambridge and was offered a position at Fermilab (then National Accelerator laboratory) in 1974. He has been at Fermilab since.

He is the author of over 300 papers. He joined the D0 collaboration in 1986. He is credited with making the D0 detector hermetic and for the multivariate electron ID algorithms in D0 which were crucial in the discovery of the top quark in 1995 in D0, in the absence of a silicon vertex detector.

He has worked for several years in the Muon Collider/Neutrino factory effort and has authored several papers on the physics potential of the neutrino factory and the muon collider.

Since 2001, he has been the spokesperson of the MIPP experiment that is investigating particle production by the strong nuclear interaction.

He became interested in accelerator driven nuclear energy in 2007 as a possible solution to powering economic growth without the emission of greenhouse gases