



Biography



Dr. Jirohta Kasagi
Professor Emeritus of Tohoku University, Japan

Jirohta Kasagi received his B.S. in Physics from Tohoku University in 1969 and his Ph.D. in Nuclear Physics in 1974. He worked for Physics Department at Tokyo Institute of Technology (1974-1979) and developed nuclear structure study by means of in-beam gamma-ray spectroscopy. He spent three years (1974-1982) at Cyclotron Laboratory (NSCL) at Michigan State University, where he started various heavy-ion nuclear reactions. He joined Physics Department faculty at Tokyo Institute of Technology as an Associate Professor in 1982. He continued to study heavy-ion nuclear reactions using new big cyclotrons at NSCL (MSU) in USA, at RIKEN in Japan and at GANIL in France (during one-year stay in 1986).

He moved to Laboratory of Nuclear Science at Tohoku University as a Professor in 1992 and was the Director from 1998 until the Lab was reorganized into Research Center of Electron Photon Science in 2010. His research interests in these years include Hadron properties in nuclear medium, Nucleon resonances in photon induced reactions, Low energy nuclear reactions in metal environment, Screening effects for nuclear reactions in various conditions, Liquid metal cavitation target for d+d reaction, Nuclear decay rate change in condensed matter, Quantum tunneling in nuclear phenomena. Although he retired in 2010, he has held office as a Research Professor and has been developing liquid metal target for low-energy deuteron beam experiments to explore new environments enhancing the d+d reaction.