

Gerfried J. Kumbartzki (1939)

- 1961 BS (Vordiplom) in Physics, University of Bonn, Germany.
- 1965 MS (Diplom) University Bonn, Thesis in solid-state physics.  
Afterward setup Solid State Detector Lab , developed methods to produce Si and Ge(Li) detectors and manufactured over time while working on a PhD thesis and supervising Master students more than 100 Ge(Li) detectors for the institute.
- 1969 PhD University Bonn (Dr. rer. nat), investigating Nuclear-Spallation processes using the 2.3 GeV Synchrotron, Uni Bonn, employing Ge(Li) detectors.
- 1970 Postdoctoral Fellow at the Nuclear Physics Department at Stanford University, CA.
- 1973 Assistant University Bonn (Ass. Prof.) Teaching, research and supervision of MS and PhD students.
- 1979 Habilitation (Dr. habil.). Private Dozent at the University of Bonn (Member of Faculty).
- 1980 Minerva Fellow at Weizmann Institute, Israel (for one year).
- 1983 Rutgers University: Department of Physics, Nuclear Physics Lab.  
Nuclear Systems coordinator: Managed all computer systems (online and offline), developed with students and maintained a new data acquisition system for Tandem accelerator experiments, participated in many research projects.  
Finally, maintained and supervised all Tandem accelerator operations until its shutdown and removal in 1989.  
Upgraded and installed computer systems with the newest generations of RISC based and 64 bit Alpha architectures. In the 1990th administrated more than 20 DEC Alpha systems for Nuclear, Astronomy and Theory at the Department. Participated on a variety of Nuclear physics experiments at LAMPF (Los Alamos) and KEK (Japan). In 1990 installed and then maintained a permanent beam setup at the Wright Nuclear Structure Labs. Tandem Accelerator at Yale University.  
Participated in short calibration experiment of diamond detectors at CERN and KEK.
- 2000 Assoc. Dir. for Information Technology.  
Continued to maintain and upgrade computer systems as needed and provided user support at all levels of information technology, state of the art equipment, usage and programming. Developed a portable, fully-digital data acquisition system, based on XIA modules, for the nuclear physics experiments carried out at Yale, HRIBF (Oak Ridge), 88-inch Cyclotron LBNL, Berkeley, and finally at the K500 Cyclotron at Texas A&M.  
From the mid 90th the Rutgers Nuclear Physics Group was heavily involved in the planing and implementation of electron scattering experiments at CEBAF (Jefferson Lab). Rutgers developed and built the polarimeter for Hall A. As a member of the Hall A collaboration at all the time, provided support and participated in the physics experiments conducted by the collaboration.  
Other research was done at ANL (Argonne), Fermi Lab. (Minerva Collaboration) and in Dubna (Russia) a polarization-calibration experiment for Jefferson lab was carried out.  
In many research projects substantial contributions to the physics were made. Great satisfaction came from closely working with postdoctoral fellows, PhD students and undergraduate (summer) students.
- 2014 Professional Research Manager Rutgers University !
- 2015 Sep. 1. 2015 retired.