



Curriculum Vitae Professor Dr. Rolf-Peter Kudritzki

Name: Rolf-Peter Kudritzki
Born: 9 October 1945

Main areas of research: stellar astronomy, stellar spectroscopy, formation and evolution of the most massive and most luminous stars, chemical evolution of galaxies

Rolf Kudritzki is distinguished for his many important contributions in stellar astronomy. He is a world leading expert in stellar spectroscopy. He has developed novel methods to model the atmospheres of stars and he has applied these methods with great success for the quantitative analysis of stellar spectra.

Academic and Professional Career

since 2000	Astronomer, Institute for Astronomy, University of Hawaii at Manoa, USA
2000 - 2010	Director, Institute for Astronomy, University of Hawaii at Manoa, USA
2003 - 2004	Vice-Chancellor for Research, University of Hawaii at Manoa, USA
1999 - 2000	Dean, Physics Department, University Munich, Germany
1990 - 2000	Max Planck Institute for Astrophysics, Scientific Member, Germany
1982 - 2000	Professor of Astronomy, University Munich, Germany
1982 - 2000	Director, University Observatory, University Munich, Germany
1979 - 1982	Academic Board member, University Kiel, Germany
1976 - 1979	Scientific Assistant, University Kiel, Germany
1973 - 1976	Scientific Assistant, Technische Universität Berlin, Germany
1978	Habilitation, University Kiel, Germany
1973	Promotion, Technische Universität Berlin, Germany
1965 - 1971	Studium der Physik an der Technischen Universität Berlin, Germany

Honours and Awarded Memberships

2010	Humboldt Prize of the Alexander-von-Humboldt Foundation
2009	Karl Schwarzschild Prize of the Astronomische Gesellschaft
since 2000	External Member of the Max Planck Institut for Astrophysics
since 1994	Member of the German Academy of Sciences Leopoldina

Main areas of research

Rolf Kudritzki is distinguished for his many important contributions in stellar astronomy. He is a world leading expert in stellar spectroscopy. He has developed novel methods to model the atmospheres of stars and he has applied these methods with great success for the quantitative analysis of stellar spectra. His studies have focussed on the formation and evolution of the most massive and most luminous stars in the universe. He uses these objects as tools to understand the chemical evolution of galaxies and to determine accurate distances to galaxies. Rolf Kudritzki was director of the Institute for Astronomy and Astrophysics at Munich University from 1982 to 2000. He then moved to Hawaii as the director of the Institute for Astronomy.