Hannover/Germany , June 2 , 2016

CV Hermann Ernst Otto Schulz

14. 05. 1938	born in Zittau (Sachsen/Germany)
1944 – 56	School (lower and upper secondary) till Abitur (grade excellent)
1956 – 62	study of physics at Humboldt University East–Berlin
1961 – 62	Diploma thesis (on conductivity in semiconductors, grade 1)
1962 – 64	scientific assistant at the Academy of Science (East–Berlin)
October 1964	escape from East-Germany (using a tourist travel to Cyprus)
1964 – 67	three years without physics. In Munich : at a construction firm, a printing factory, a bookshop, 6 months in England (railway stations), furniture driver in West–Berlin. But then my daughter was born.
1967 – 70	PhD and assistant at Prof. W.Brenig (Technical University Munich).
February 1970	Dr. rer. nat. of Theoretical Physics (grade 1)
1970 – 73	scientific assistant at University of Cologne
1973 – 2003	at the Institute for Theoretical Physics of University Hannover
Oct. '73	academic councilor , Aug. '75 academic senior councilor
January 1977	Habilitation and inaugural lecture
December 1983	Adjunct Professor (APL)
1986	change of research area from solid state to quantum field theory
Summer 1993	with mountain guide on top of the Matterhorn
January 1991	my first textbook was published (Physik mit Bleistift)
Spring 2000	sabbatical at LAPTH in Annecy/France (and top of Mont Blanc)
September 2003	retirement
2003 – 04	work on my second textbook (Statistische Physik – beruhend auf Quantentheorie), published in January 2005
October 2004	teaching assignment for one more year at Hannover University
2014 – 15	work on my third textbook (A Theoretical Physics Primer, Analytical Tools), published in September 2015

Teaching (lectures given during the years 1974 to 2005 in Hannover)

WS = winter semester (Oct.–) , SS = summer semester , y = WS+SS = one year (Oct.–July)

- Calculational methods of physics : '74 y , '75 y , '79 y , '80 y , '85 y , '86 y , '91 y , '92 y , '97 y , '00 y , '02 y and '04 y
- Solid state physics – Introduction : '82 y , '88 WS
- Solid state physics – special problems : '77 WS
- Theoretical physics for student teachers : '79 SS , '81 y , '83 y , '87 y
- Mechanics (theory course) : '96 WS
- Electrodynamics (theory course) : '85 SS , '89 SS , '91 SS
- Quantum mechanics (theory course) : '84 WS , '90 WS
- Statistical physics (theory course) : '94 SS , '01 WS
- Quantum mechanics II = introduction to quantum field theory : '78 SS , '90 SS , '96 SS , '99 SS
- QCD at high temperature : '93 WS , '98 WS
- Quantum field theory – special problems : '95 SS
- Quantum fields at temperature : '97 SS