



Biography of Ludwig Schultz

Ludwig Schultz received the Ph.D. in Physics from the University of Goettingen in 1976. In 1978 he was a postdoctoral fellow at IBM's Thomas J. Watson Research Center in Yorktown Heights, New York. From 1980 to 1993 he was a staff scientist and then head of the High Temperature Superconductors and Magnetic Materials Department at the Siemens Research Laboratories, Erlangen. In 1993 he became a Full Professor of Metallic Materials and Metal Physics at the TU Dresden and Director of the Institute of Metallic Materials at the Leibniz Institute of Solid State and Materials Research (IFW) Dresden. From 2008 to 2013 he was the Scientific Director of IFW Dresden. Since October 1, 2014 he is officially retired, but still active in materials research. From 2016 until 2019 he acted as Scientific Coordinator of DRESDEN-concept e.V., the association arranging the scientific cooperation of 28 research institutions at Dresden with the TU Dresden with the main goal of successfully promoting TU Dresden to one of the 11 German Universities of Excellence. He is also a Fellow Professor of the University of Ulsan (South Korea).

Ludwig Schultz has served on many Executive Boards and committees like German Physical Society (DPG), German Materials Society (DGM), IEEE Magnetics Society or Federation of European Materials Societies (FEMS). In 2011/12 he was the President of the "German Association for the Advancement of Science and Medicine (GDNAE)", the oldest German Scientific Association. In addition to chairing many national and international conferences, he served as co-chair of the 2014 Intermag Conference in Dresden. He has been awarded many honors and prizes, including the European Materials Gold Medal (FEMS). Recently he was promoted to be an Honorary Member of the German Materials Society (DGM). His research program included superconducting materials, magnetic materials, amorphous and nanocrystalline materials, and electrochemical and mechanical properties of alloys. In these fields he published more than 1.100 papers receiving more than 40.000 citations. From 2012 until 2021 he was Editor-in-Chief of the Journal of Alloys and Compounds, since 2023 he acts as Editor-in-Chief of the Journal of Alloys and Metallurgical Systems.