

CV of Prof. Dr.-Ing. Dr.h.c. Horst Weiss

1937	Born Sept. 22 nd 1937 in Uelzen, Lower Saxony, Germany
1957 – 1968	Study of ferrous metallurgy and materials science at RWTH Aachen and TU Berlin. Degrees: Dipl.-Ing. and Dr.-Ing. in Materials Science
1968 – 1972	Research Officer with Broken Hill Pty.Co.Ltd. Melbourne Research Laboratory in Melbourne, Australia. Work on high strength low alloy (HSLA) line pipe steels (X 70), hot workability of HSLA steels in a hot strip mill
1972 – 1979	Project Manager of Klöckner-Werke AG in Bremen, Germany. Work on line pipe steels (X 80) with spherical inclusions (hot strip), cold strip for car bodies, stainless plated mild steels, steel making from scrap and sponge iron via oil/oxygen fired vessel + electric arc furnace (Klöckner-Youngstown-Process)
1979 – 1990	Deputy Head and Section Head of Fraunhofer-Institute of Applied Materials Research in Bremen, Germany. Work on Surface Engineering by PVD and CVD, electroplating, plasma spraying; research on metal matrix composites, powder metallurgy, nanocrystalline metals
1990 – 2002	Professor of Surface Engineering at the University of Siegen. Research on metal coatings of reinforced polymers, tribology, diamond coatings, steels for valve springs, suspension springs and stabilizers, disc springs, thermomechanical treatment of SiCrV steels for suspension springs
2002 – 2013	Founder and Head of the Laboratory for Automotive Materials, University of Siegen in cooperation with Muhr und Bender KG, a German manufacturer of automotive components. Research on improving spring steels and manufacturing processes for springs
2013 – present	Founder and associate of the Mubea Academy

1987	Bunshaw Award of the American Vacuum Society
1990	Honorary professorship from Bremen University of Applied Science in Bremen
1996 – 2000	Dean of the Faculty of Mechanical Engineering of the University of Siegen
1998	Honorary Doctorate from Gubkin State University of Moscow, Russia
2006	Paul Harris Fellow Award of Rotary International

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