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Klaus-Dieter Weltmann received his PhD in applied physics working on nonlinear dynamics in low temperature plasmas. In 1994, he was Visiting Scientist at West Virginia University. In 1995, he joined ABB Corporate Research Ltd., Switzerland, working in the development of switchgear. From 1996 to 2000 he was lecturer for control technique/signals/systems at University for Technology, Economy and Administration, Zurich, Switzerland. In 1998, he became the head of the High Voltage Systems Group. In 2000, he was appointed to lead the R&D unit Gas Insulated Switchgear at ABB High Voltage Technologies Ltd., Switzerland, 2002 he became Business Unit R&D Manager. Since 2003 he is Director of the Leibniz Institute for Plasma Science and Technology e.V. and Professor at Greifswald University. Since 2005, he has been pursuing the use of plasmas in the field of life science with a special focus on the innovative field of plasma medicine. He initiated two major projects (ZIK plasmatis, Campus PlasmaMed) as well as the foundation of the "National Center for Plasma Medicine" in 2013, which bundles all plasma medicine activities in Germany. Other current research interests include high voltage switches, arc physics, atmospheric pressure plasmas and nonlinear dynamics, and technology transfer. Innovative product ideas of the research of INP Greifswald are transferred by the spin-offs of the institute. Since it was founded, INP Greifswald with the initiation and great involvement of Prof. Weltmann as scientific director has spun off a total of 4 enterprises: neoplas GmbH, neoplas tools GmbH, neoplas control GmbH and Coldplasmatech GmbH.