

**“Science Award for Information and Communication Technology from the VDE ITG” to Prof. Reimers (Institute for Communications Technology at the Technische Universität Braunschweig, Germany, – IfN)**

In the course of the VDE Capital Forum in the premises of the Berlin-Brandenburg Academy of Sciences in Berlin, Prof. a. D. Dr.-Ing. Ulrich Reimers received the “Science Award for Information and Communication Technology from the VDE ITG”. VDE is the association of electrical engineering, electronics and information technology e. V. (the German partner of IEEE), which had already awarded Prof. Reimers the VDE Ring of Honour in 2010. The ITG is the Information Technology Society, i.e. a specialist association within the VDE, and describes itself as the national association of all those working in the field of information technology in business, administration, teaching, research and science. In 2018, Prof. Reimers was appointed an ITG Fellow.

The science award was awarded (under the then name Karl Küpfmüller Award) for the first time in 1984 and then mostly every four years - but the last recipient was elected only in 2018. Remarkably, Prof. Reimers is only the tenth winner in nearly 40 years. Incidentally, two of his nine predecessors worked at the IfN for a time: Prof. Hans-Georg Musmann (2000 prize winner) and Prof. Hermann Rohling (2008 prize winner). The VDE characterizes the prize as follows: “The VDE ITG Science Prize for Information and Communication Technology is viewed as a high honour and is awarded based on strict standards. This award and 5,000 € are intended to honour an outstanding, personal technical and scientific achievement that either contributed to a significant expansion of basic knowledge in the field of communications and information technology or, within the framework of a life’s work, significantly influenced information technology from a scientific and technical perspective <https://www.vde.com/de/itg/preise-ehrunge/wissenspreis>.”

The award certificate for Prof. Reimers states: “In recognition of his relevant pioneering achievements in the field of digital video broadcasting (DVB), which were recognized by the entire professional world, as well as for his scientific leadership in the merger of mobile communications and television and the resulting 5G broadcasting.”

Prof. Reimers addressed the two aspects of the appreciation in a short reply. According to figures from the “Video Trends 2023” published in October 2023, DVB systems via satellite (DVB-S and DVB-S2), cable (DVB-C) and terrestrial broadcast channels (DVB-T2) are used for TV consumption in 34.4 million households in Germany alone – certainly a success story. 5G Broadcast (but more precisely LTE-based 5G Broadcast) is a system that is based on ideas that he first developed in 2012 and whose predecessor the IfN scientists designed, built and were able to test with international partners in 2015 via broadcast from the Eiffel Tower in Paris, France. Since then, a team of scientists from the IfN has been dedicated to further development up to a version (5G New Radio Broadcast), which is currently only “in the air” in Braunschweig

Concluding, he thanked the members of the ITG jury for their decision, which had surprised him so much, and thanked especially his colleagues at the IfN for their great work over so many successful years.

Photo: Prof. Reimers presenting the awards certificate which was handed over to him by the president of ITG, Prof. Hans Schotten

The source of the photo is “private”

