

Prof. Dr. Winfried Vonau

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Winfried Vonau studied from 1977 to 1982 chemistry at the *University of Leipzig* and received his diploma in 1982 with a work in the field of statistical thermodynamics. In 1989 he obtained his PhD from the *Technical University Bergakademie Freiberg* with a dissertation on solid state pH sensors.

He joined *Chemiewerk Nünchritz* in 1982 as production engineer. Later he worked as scientific assistant and head of department in the *Research Institute Meinsberg* in the fields of analytical chemistry and electrochemistry. In 1999 Winfried Vonau was appointed as honorary professor of physical chemistry at the *University of Applied Sciences Mittweida* and as vice director of the *Kurt Schwabe Institute for Measuring and Sensor Technology in Waldheim/ Germany*.

He is member of the board of the *Research Association for Measuring Technology, Sensors and Medical Technology (fms)* of the *Working Group of Industrial Federations for Research "Otto von Guericke" (AiF) in Germany* and head of its research advisory board, board member of the working group electrochemical methods of analysis within the section analytical chemistry of the *German Chemical Society (GDCh)*, chairman of the advisory council of the *Kurt Schwabe Foundation* and member of further organisations such as *International Society of Electrochemistry (ISE)*.

Winfried Vonau was project leader in more than 50 R&D projects concerning his main research interests, namely developments of electrochemical sensors, sensor materials and analytical chemistry. He was speaker, session chair, panelist, member of program and organising committees of national and international conferences, among them *ARIA* conferences since 2013.

Winfried Vonau has published more than 150 papers in journals (including *ARIA* journals) and several book chapters, he was involved in more than 200 scientific lectures and poster presentations and has registered about 60 patent applications. He acts as reviewer for scientific journals and as referee for project-executing agencies.

In 2015 Winfried Vonau received the Kurt Schwabe Prize of the *Saxon Academy of sciences (Leipzig)* in recognition of his outstanding work in development of novel redox sensors for the controlling of waste water.

He enjoyed the open atmosphere at *ARIA* conferences he attended. As an *ARIA* fellow, Winfried Vonau will continue to support them.