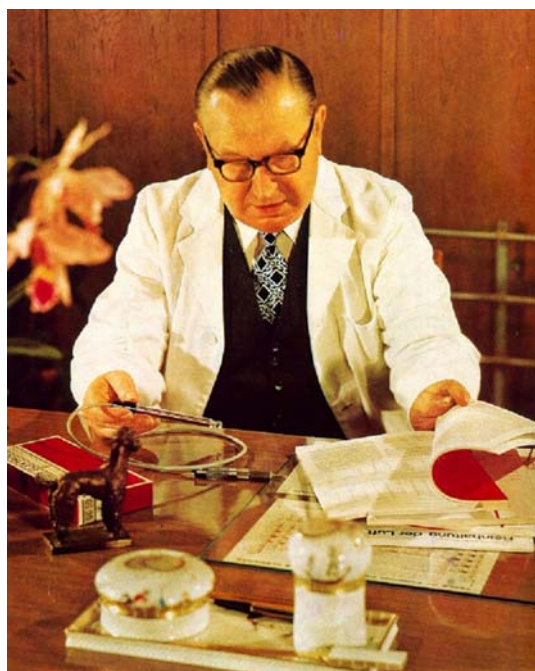


Waldfried Plieth · Ulrich Guth

In memory on the 100th birthday of Kurt Schwabe

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Prof. Dr. Kurt Schwabe
Born May 29, 1905 in Reichenbach/Vogtland
Died December 4, 1983 in Berlin

This special issue is dedicated to the commemoration of Kurt Schwabe, an electrochemist known worldwide and one of the most important scientific notabilities after the Second World War in Eastern Germany. Kurt Schwabe was always on the go and had initialised a lot of promising research in physical chemistry, especially on the field of applied electrochemistry, like corrosion, sensors, fuel cells etc. However, his true passion was pH-monitoring. Glass electrodes developed by Schwabe became a commercially available product worldwide. He was Professor for Electrochemistry and Physical Chemistry at Dresden University of Technology (formerly Technische Hochschule Dresden), Vice President of the Academy of Science of the former GDR, and, by the way, also Vice President of the International Society of Electrochemistry. Finally, his activity in teaching should be mentioned. He had more than 400 graduate students, over 400 Ph.D. students and about 40 scientists with habilitation degree. He had moulded generations of chemists in Germany.

The editors tried to find Schwabe's work in current research by inviting well-known researchers to report results on those fields on which Schwabe had done pioneering work.

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