

## In Memoriam

### Professor Józef Lewandowski



1934 – 2022

Professor PhD, DSc Józef Lewandowski, the editor-in-chief of the quarterly *Archives of Acoustics* (1988–1996) and the deputy editor-in-chief of this journal (1981–1987 and also 1997–2003) died on September 22, 2022. His scientific interests in the field of acoustics were formed during His master's studies in Physics at the University of Adam Mickiewicz in Poznań (Master's degree thesis topic: "Limits of audibility of nonlinear distortions of the 2nd, 3rd, 4th and 5th degrees for a pure fifth, including combined tones").

At the beginning of his work, He was a high school physics teacher in Chodzież for several years. During his research work, he was initially associated with the Institute of Physics of the Polish Academy of Sciences, where he defended his doctorate in physics, and then with the Institute of Fundamental Technological Research of the Polish Academy of Sciences (he obtained his habilitation and the title of professor of technical sciences at the institute). He completed a post-doctoral fellowship at the Academy of Sciences of the German Democratic Republic (NRD) in Dresden and was a DAAD scholarship holder at the University of Würzburg. He was also employed as a contract worker at the Institute of Problems in Mechanics of the Soviet Academy of Sciences in Moscow. At the Institute of Fundamental Technological Research, Polish Academy of Sciences (IPPT PAN), he conducted research in the team of Professor Ignacy Malecki, and then as an associate of Professor Leszek Filipczyński.

Professor Józef Lewandowski was a member of the Acoustics Committee of the Polish Academy of Sciences, as well as a member and secretary of the Scientific Council of the Institute of Fundamental Technological Research of the Polish Academy of Sciences. In his scientific work, He dealt with the issue of the application of ultrasonic physics methods to the study of heterogeneous materials. He received the award of the Scientific Secretary of the Polish Academy of Sciences for a series of publications on the structure and acoustic properties of heterogeneous media. He was a supervisor of two doctorates at IPPT PAN and one master's degree at the Warsaw University of Technology. He was the author of the patent: "Ultrasonic method and device for determining the mass fraction of damaged seeds". Furthermore, he also cooperated with the industry, with Loudspeaker Production Plant "Tonsil" in Września (Zakłady Wytwórcze Głośników Tonsil), conducting research on the reduction of nonlinear distortions in the GD 26-18/3 loudspeaker produced at that time.

His ancestors took part in the battles during the Silesian Wars, He himself was an active anti-communist opposition activist. He was decorated with the Gold Cross of Merit. From his homeland, Józef Lewandowski initially moved to Warsaw, and then to Grodzisk Mazowiecki, where he died at the age of 88 and was buried in the local cemetery.

Bogusława Lewandowska-Gruszka, PhD