

## In Memoriam

### Elżbieta Maria WALERIAN, Ph.D., D.Sc.



1950–2013

Elżbieta M. Walerian, Ph.D., D.Sc., a retired employee of the Institute of Fundamental Technological Research of the Polish Academy of Sciences (IPPT PAN), passed away after a serious illness, on the 26th December 2013. She was one of the scientific leaders in the Section of Environmental Acoustics of IPPT PAN and her career, educational and organizational activities were inseparably linked with the acoustics.

Elżbieta Walerian was born on August 9th 1950 in Poznań. She graduated from the Faculty of Mathematics, Physics and Chemistry of the Adam Mickiewicz University in Poznań, receiving her Master of Science degree in the environmental acoustics in 1973. Five years later, under the supervision of Professor Ignacy Malecki, she obtained her PhD title, in the physical acoustics, in IPPT PAN in Warsaw. In 1979 she began working at the Section of Environmental Acoustics of IPPT PAN, where she dealt with the diffraction of acoustic waves and a description of the sound field produced by vehicles moving in an urban area. The scientific achievements of Dr. Walerian have been recognized abroad. In the year 1987 she received a half year scholarship in Japan, Kansai University in Osaka. In 1996, she prepared a monograph *Description*

*of noise propagation in a built-up area* on the basis of which received a degree of doctor habilitated with a specialization in the building acoustics. In 2001 she was a visiting professor at the University of Auckland in New Zealand. In the years 2004–2011 she was the head of the statutory research *Analysis and shaping of the acoustic climate in built-up areas with communication routes*. She was also a performer of external research projects. In 2001–2004 she was the head of the Committee for Scientific Research grant *Experimental verification of the simulation program designed to predict the noise levels in urban areas*, while in 2008–2011, she was one of the main performers of the grant *Multi-criteria optimization of residential buildings including: economics, environmental protection and comfort during the entire year*. In 2010, she was nominated for the position of Associate Professor in IPPT PAN.

Dr. Walerian is an author of one scientific monograph, a book entitled *To live in a better environment* and 50 publications in renowned national and international journals as well as in the conference proceedings. The last paper she prepared despite serious illness, was published in 2014. Dr. Walerian had also significant achievements in the field of

teaching and organization. She supervised a thesis of one doctor and gave lectures on the fundamentals of acoustics at the University of Warmia and Mazury in Olsztyn. She was also an active member of the Polish Acoustical Society and the Polish Association for Noise Abatement. She participated in the works of the Section of Environmental and Architectural Acoustics of the Committee on Acoustics PAN. For her contribution in protecting the environ-

ment against noise and vibration she received the first prize of the Chief Labour Inspector.

Colleagues and friends as well as the acousticians of the Polish Acoustical Society in Warsaw received with deep sorrow the news about the death of Dr. Elżbieta Walerian.

*Miroslaw Meissner*