

An exhibition dedicated to prof. Zbigniew Ciesielski

Facebook Twitter

culture

An exhibition devoted to the life and work of Professor Zbigniew Ciesielski - Honorary Doctor of the University of Gdańsk. It was opened at the Faculty of Mathematics, Physics and Informatics of the University of Gdańsk. The exhibition can be viewed until March 30, 2015.

Professor Zbigniew Ciesielski is an outstanding mathematician, enjoying great recognition from the Polish and international community. He became a titular professor at the age of 39. He has been associated with Tricity for almost his entire professional life. He was born in Gdynia and graduated from high school there. He completed his studies and obtained a doctorate at the Adam Mickiewicz University in Poznań (his supervisor was Prof. Władysław Orlicz, one of the founders of Functional Analysis), and his habilitation - at the Mathematical Institute of the Polish Academy of Sciences in Warsaw, but from the beginning he collaborated with the Higher Pedagogical School in Gdańsk for many years, and later the University of Gdańsk, was also, inter alia, chairman of the Gdańsk Branch of the Polish Academy of Sciences.

He has published over a hundred papers in journals of the highest mathematical reputation. He is an outstanding specialist in the field of probability theory and stochastic processes as well as functional analysis: approximation theory and bases in functional spaces. He is famous for his research on Gaussian processes and Brownian motion, as well as his work on Schauder bases, in particular on the Franklin system in spaces of continuous functions. He was particularly famous for the construction in 1969 of the base in the space of continuously differentiable functions defined on a square. His work on bent functions laid the foundation for the lush development of wavelet theory in the 1980s for data transmission techniques.

He promoted over a dozen doctors, and his students became renowned scientists. Polish mathematics owes him the creation of three strong probabilistic centers in Warsaw, Toruń and Gdańsk, created by his students or associates.

He is a full member of the Polish Academy of Sciences and the Polish Academy of Arts and Sciences, as well as numerous scientific and program committees of prestigious international conferences. He is involved in organizational activities for the benefit of Polish science, performing, inter alia, managerial functions in many scientific institutions. He has been awarded many times for his activity. He also received all the major Polish mathematical awards and medals: Stefan Banach (1992), Medal of Władysław Orlicz (1994), or the Medal of Wacław Sierpiński (2000).