

Chronicle

Professor Zbigniew Dąbrowski's Anniversary



This is the year of the seventieth anniversary of Professor Engineer Zbigniew Dąbrowski. He was born in Warsaw on the 27th of March 1947. Having graduated from VI Liceum of Tadeusz Reytan in 1965, he became a student of Warsaw University of Technology, the Faculty of Working Machines and Vehicles (currently the Faculty of Automotive and Construction Machinery Engineering). He completed his master in machine engineering and in 1971 enrolled at the Doctoral Programme of the same university. He started his professional career in 1974 and his first position was of an assistant at the Faculty of Automotive and Construction Machinery Engineering. In 1976 he was awarded a doctoral degree in mechanics. Since then he has been working in the Institute of Machine Design Fundamentals, Department of Basics of Machine Construction (currently Department of Basics of Machine Construction and Exploitation), Faculty of Automotive and Construction Machinery Engineering.

Since his *habilitazione* in 1993 (discipline of machine construction and exploitation), he has been the Head of the Department. In 1997 he was awarded the title of professor, and in 2001 he received the full professorship granted by the President of the Republic.

Professor Zbigniew Dąbrowski is a key figure in Polish vibroacoustics. In 2009–2015 he presided the Section of Vibroacoustics of Acoustics Committee at Polish Academy of Sciences. Currently he is the president of the Section of Architecture, Environment Protection and Vibroacoustics of the same Committee. He has often voiced, both in national and international congregations, the need of establishing the vibroacoustics axiology. Several monographies of his co-authorship present the attempts at formulating such axiology based on the modern approach to problems of vibroacoustics.

Professor Dąbrowski is an outstanding Polish scientist in the disciplines of mechanics and machine con-

struction and exploitation. He has been particularly successful in solving problems of silent running and mechanical diagnostics. He has established an original scientific school of solving non-linear problems in machine construction and diagnostics. The main foundations of the school he presented at many conferences and congresses, explaining them in monographies dedicated to the non-linearity in vibrating systems.

Professor Dąbrowski supervised 11 doctoral works; the authors of three of them received afterwards the D. Sc. degree. He authored and co-authored 272 scientific publications, 20 books among them.

The Professor's extraordinary engagement in organization of the teaching process resulted in long-lasting contribution to the methodology of teaching construction and exploitation of machines. He focused on educating good engineers constructors and conscious specialists in exploitation. Since 2000 he subsequently was the director deputy for teaching at the Institute of Machine Design Fundamentals, the head of Teaching Programme Commission of the Faculty of Automotive and Construction Machinery Engineering, the dean deputy for teaching, the Dean's representative in University Commission for Teaching Quality. He was a co-organizer of the first Laboratory of Vibroacoustics at Warsaw University of Technology (the third such a modern laboratory in

Poland); a co-author of teaching programme in Automotive and Construction Machinery Engineering under the Bologna system. He prepared related publications and presentations concerning teaching methodology, presented at National Symposia on Basics of Machine Construction. He has been an acknowledged authority.

Professor Zbigniew Dąbrowski has been awarded a Golden Cross of Merit, a Silver Cross of Merit, the Order of National Education Commission, and honorary awards of Honoured Worker of the Sea and Honoured Activist of Sailing. He was awarded a Team Prize by the Minister of Science and the award of the Rector of Warsaw University of Technology. He is also a bearer of the award of Red Rose Society for the Sea Education of Students, granted in acknowledgement of the series of conferences on scientific and technical problems in sailing sports. This reflects both the scientific and educational interests of the Professor, as well as his passion for sailing.

Further development of scientific interests in vibroacoustics, mechanics, machine construction and exploitation, as well as new sailing and ski expeditions – these are tasks to be accomplished before the coming anniversaries. Propitious winds and happy boating, Dear Professor!

Grzegorz Klekot