

## PROFESSOR BORKOWSKI'S BIOGRAPHY

**Professor Szczepan Borkowski** (born in Tamów in 1929; 1955 - a graduate from the Silesian Technical University) received his Sc.D. in 1962 and his degree of doctor *habilitatus* of engineering sciences in mechanics in 1965. He is a specialist in theoretical and applied mechanics, especially solids mechanics and applied mathematics (which is applied in mechanics).

He conducted research in such fields as theory of elastic shells, linear and non-linear problems of theory of elasticity, and numerical methods of solution of boundary problems. His recent research is on theory of composite rods and composite beams with thin walled cross-sections. Prof. Borkowski published about 100 articles, dissertations and reviews, the latter in "Mathematical Reviews" (USA) and in "Polish Bibliography of Analytical Mechanics." Three of his doctoral students have already received Professor's degrees and published more than 100 articles both individually and in co-operation.

Prof. Borkowski co-operated with the Institute of Mathematics of the Polish Academy of Sciences (PAN) in Warsaw (1971-84), with Department IV of Technical Sciences of the PAN (1975-80), with the Institute of Fundamental Technical Research of the PAN in Warsaw (1976-80, 1986-90), and with the Institute of Mathematics of Technical University in Wrocław (1986-90) where he carried out research projects co-ordinated by the above mentioned institutions.

His academic and organisational activity is also revealed in his working for different committees of the Polish Academy of Sciences (PAN) such as Committee of Civil Engineering and Waterworks (section of mechanics of structures), 1972-90, Committee of Mechanics (section of solid mechanics), 1987-90, Committee of Civil Engineering, with its section in Katowice, 1996 - ).

Professor Borkowski is a member of the American Mathematical Society (1993-), the Polish Mathematical Society (1983 -), and the Polish Society of Theoretical and Applied Mechanics (1969-).

In the years 1973-1974 he worked as a research consultant in Central Research and Development Office of Steel Construction "Mostostal" in Kraków. For six years (1953-59) he worked as a designer in the Office for the Studies and Designs of the Chemical Industry in Gliwi-

ce. For several years he worked for industry preparing technical valuations concerning the conditions after damages and reviewing various technical projects and strength calculations of different constructions.

He lectured (1969-1974) in the Institute of Mathematics (Department of Mathematics and Physics, 1969-1992) on different problems of mathematics which are included in Sc.D. programmes at the Technical University of Silesia.

He was the author and co-ordinator of the programme "applied mechanics" in the years 1974-1996 (Department of Mathematics and Physics) and from 1994 (Department of Building) he has been co-ordinating the programme "computer techniques in structure mechanics." Professor Borkowski supervised 50 M.Sc. dissertations in the fields he is concerned with.

He was Vice-Dean (1973-79) and Dean (1981-85) of the Department of Mathematics and Physics, Deputy Head of the Institute of Theoretical Mechanics (1974- 76) at the Department of Mathematics and Physics, and chair of the Department of Theoretical Mechanics at the Faculty of Civil Engineering (1994-97).

He was several times honoured and rewarded and in the last years nominated for various honorary positions (in the USA and Great Britain); his biographical notes have been published in several *Who's Who* both at home and abroad.

Till 1999 he was full professor and chair of the Department of Theoretical Mechanics (which he was a co-founder of) at the Faculty of Civil Engineering (which moved from the Faculty of Mathematics and Physics). Professor Borkowski retired in October 1999.