

## IN MEMORIAM

**Prof. Emer. ANTE ŠANTIĆ, Ph. D.**  
(Novi Sad, Nov. 12, 1928 – Zagreb, June 18, 2008)

After a long and severe illness professor emeritus Ante Šantić, Ph.D. left us, this June, before his eightieth birthday. He finished primary school and high school in Karlovac, and in 1953 graduated from the Technical Faculty of the University of Zagreb. Then he started working as development engineer in the Energy Institute in Zagreb where he was appointed head of the Laboratory for Electronics in 1959. He began developing a measuring instrument for biological voltage, in particular electroencephalograph. Those were the first devices of the kind developed in this part of Europe.

From 1956 he also worked as a part-time assistant at the Faculty of Electrical Engineering of the University of Zagreb. In 1964 he was elected assistant professor and in 1969 associate professor. He obtained his doctor's degree in 1966. In 1970 he got permanent job at the Faculty of Electrical Engineering where he introduced two new subjects, »Electronic Instrumentation« and »Biomedical Electronics«. In 1975 he was elected full professor. He became scientific adviser in 1980. In 1999 he became life-long full professor.

In 1971 with collaborators he founded Laboratory for Biomedical Electronics. Later on he introduced five more subjects in pregraduate and six subjects in postgraduate studies. 182 students have graduated under his mentorship, 29 obtained their master's degrees, as well as 10 doctors their doctorates. From the field of electronic instrumentation and biomedical electronics he wrote two basic textbooks »Electronic Instrumentation« and »Biomedical Electronics« the latter of which was awarded by the Josip Juraj Strossmayer Award (1995) as the most successful book from the field of technical sciences.

In 1980 he established (together with Prof. H. Babić) a new course called Industrial Electronics at the Faculty of Electrical Engineering. In academic years of 1976/78 he was Vice-Dean, and in 1978/80 Dean of the Faculty of Electrical Engineering of the University of Zagreb. In 1999 he received a honorary rank of »Especially Distinguished Professor of the Faculty of Electrical Engineering and Computing«, where he actively worked to the end of his life.

Professor Šantić received a number of recognitions and awards for his work. Thus in 1980 he got the state award »Nikola Tesla« for achievements in the field of biomedical technology, and in 1986 gold medal »Josip Lončar« for scientific and educational work at the Faculty of Electrical Engineering in Zagreb. He received the award of the Croatian Academy of Sciences and Arts for his remarkable contribution of permanent significance to the Republic of Croatia in the field of technical sciences in 1997, and also that year the medal of the Croatian Order of Danica with the figure of Ruđer Bošković for special merits in science.

He was the founder and president of the Croatian Medical and Biological Engineering Society from its establishment in 1984 up to his retirement. By support of the former JUREMA, until 1990, he organized and chaired eight conferences (Symposiums »Medicine and technique«, and after 1990, and foundation of KoREMA two international conferences (»Int. Symposium on Biomedical Engineering«), all in the field of Biomedical Engineering.

Professor Šantić was the first-rate and globally recognized scientist, in the field of biomedical electronics and electronic instrumentation and the founder of these scientific areas in Croatia. He has dedicated his life to his profession. He wrote first textbooks from those fields and He was a model of a true engineer and teacher. To generations of students and his collaborators he will remain in lasting memory as exemplary professional who has loved his work and altruistically transferred his knowledge throughout the years in his outstandingly vivid and precise lectures, conversations or consultations. That is why he will remain in the memory of all who have known him.

*Prof. Stanko Tonković, Ph. D.*