

This issue of Metallurgical & Materials Engineering is dedicated to the memory of Professor Borivoje Mišković one of the founders of the Association of Metallurgical Engineers of Serbia.



BORIVOJE D. MIŠKOVIĆ, Full Member of AESM from 1998, Professor Emeritus of the Faculty of Technology and Metallurgy, University of Belgrade, was born in 1927 in Belgrade. He completed his elementary and high school in Belgrade, where he subsequently graduated from the Faculty of Technology, University of Belgrade. He defended his Ph.D. thesis at this faculty in 1969. In 1958 he was appointed teaching assistant, in 1961 assistant professor, in 1970 associate professor and finally in 1976 he became a full professor. He was teaching the following courses: Metal forming, Rolling mills calibration, Deformation resistance of metals, and Physical modeling of plastic deformation processes. Beside Belgrade, he was engaged in teaching at the faculties in Bor, Skopje and Kosovska Mitrovica. He was Vice-dean and Dean (1979-83) and several times he was elected as the Head of the Department for Plastic Deformation of Metals at the Faculty of Technology and Metallurgy in Belgrade. At the Belgrade University he was chairman of the Committee for Technology and Metallurgy. He was the Head Engineer and Technical Manager of Smederevo Steelworks (1953-1961), Chief Metallurgist of all Yugoslav steelworks (1961-1972). He was a member of the East-European Countries Commission for ferrous metallurgy (1964-88), and a member of task forces of the European Steel Board UN (1968-1972). He was also the President of the Yugoslav Association of Metallurgical Engineers and member of the Presidency and Managing Board of the Serbian Chemical Society.

Professor Mišković was the Deputy, and afterwards Chief Editor of the journal "Mining, Geology and Metallurgy" from 1964 to 1983. In the period 1983-1999 he was Chief Editor of the journal "Tehnika". Professor Mišković was the Deputy Editor of the journal "Metalurgija". He was scientific advisor at the Institute for Metallurgy of Sartid AD, Smederevo since. As an expert he visited Poland (1961), England (1966), Japan (1970), Germany (1975), and East European countries (1964-1988). In 1988-1990 he was a member of the Program Committee of the Serbian Radio Television.

Professor Mišković was the Chairmen of the Balkan Union of Metallurgists and honorary and meritorious member of many professional organizations: Scientific and Technical Association for Mining, Geology and Metallurgy of Bulgaria, Scientific and Technical Associations of Romania, Scientific and Technical Association of Metallurgical Engineers of Poland, Yugoslav Association of Engineers and Technicians, and Serbian Chemical Society. He was also a member of the Scientific Society of Serbia and a full member of the Engineering Academy of Yugoslavia. He was twice the president of the former Yugoslav Association of Metallurgical Engineers.

Alone, and with his collaborators, he published 280 scientific and research papers, studies, investment projects including 8 books, monographs and textbooks. His main scientific field was the theory and practice of plastic deformation of metals and alloys, primarily by rolling. He contributed to studies of kinetics of metal flow, contact friction during plastic deformation, deformation resistance of metals, experimental methods in plastic deformation investigation, sheet broadening during rolling mills calibration, and physical modeling of plastic deformation processes of metals. In technology of steel rolling his major contribution was the development of some new and improvement of the old types of steel and metal sheets. He was successful in solving many technological problems in plant practice, and led many research and investment projects. His main investment projects were the reconstruction of sheet rolling mills in the Steelwork Smederevo, technological feasibility study of sixth rolling mill insertion in "Sartid", construction project for the 200 000 t sheet rolling mill, construction project for a 150 000 t mini steelwork in Zambia, project for production of zinc coated narrow bands, project for production of bodies for spiral mill grinding, etc.

Among the research projects were the development of various steel products, like tin plates, zinc coated sheets and bands, enameled sheets, auto body sheets, sheets for high pressure vessels, ship plates, and microalloyed sheets.

Profesor Mišković was awarded two plaques by SEV, Prof. As. Zlatarov Golden Badge from the Bulgarian Association of Scientific Societies, Medal of the Serbian Chemical Society and numerous of charters and plaques from metallurgical institutions for his contribution to the development of metallurgy. He received the Medal of Labor with Golden Wreath from the Presidency of former Republic of Yugoslavia.