

JUBILEJI

***Povodom 80 godina života i 55 godina stručne,
naučne, pedagoške i društvene aktivnosti
prof. dr Borivoja Miškovića u oblasti metalurgije***



BORIVOJE D. MIŠKOVIĆ, redovni član Akademije Inženjerskih Nauka SCG od 1998. godine, redovni profesor Tehnološko-metalurškog fakulteta Univerziteta u Beogradu u penziji, rođen je 1927. godine u Beogradu. Osnovnu školu, gimnaziju i Tehnološki fakultet završio u Beogradu. Doktorirao 1969. godine.

Izabran na Tehnološko-metalurškom fakultetu za asistenta 1958., za docenta 1961., za vanrednog profesora 1970. i redovnog profesora 1976. godine. Predavao je predmete: Prerada metala u plastičnom stanju, Kalibrovanje valjaka u valjaonicama metala, Otpor metala, Otpor metala deformaciji i Fizičko modelovanje procesa plastične prerade metala. Predavao je i na fakultetima u Boru, Skoplju i Kosovskoj Mitrovici.

Bio je glavni inženjer i tehnički direktor Železare Smederevo (1953-1961), glavni metalurg jugoslovenskih železara (1962-1972), prodekan i dekan Tehnološko-metalurškog fakulteta (1979-1983. godine), šef Katedre za plastičnu preradu metala više puta. Bio je predsednik stručnog veća Beogradskog univerziteta (1988-1995), član komisije SEV-a za crnu metalurgiju (1964-1988), član radnih tela Evropskog komiteta za čelik OUN (1968-1972).

Prof. dr Mišković je bio zamenik, a potom glavni i odgovorni urednik časopisa «Rudarstvo, geologija i metalurgija» u periodu 1964-1983. godine. U periodu od 1983 - 1999. godine bio je glavni i odgovorni urednik časopisa «Tehnika». Zamenik glavnog i odgovornog urednika časopisa «Metalurgija».

Naučni savetnik i član Upravnog odbora Instituta za metalurgiju Sartida AD je od 1988. godine.

Bio je na studijskim putovanjima u Poljskoj (1961), Engleskoj (1966), Japanu (1970), Nemačkoj (1975) i u više zemalja istočne Evrope (1964-1988). Bio je član Programskog saveta RTS u periodu 1988-1990. godine.

«Predsednik je Balkanskog Saveza metalurga», počasni član Naučno-tehničkog saveza za rudarstvo, geologiju i metalurgiju Bugarske, počasni i zaslužni član Naučno-

tehničkog saveza Rumunije, zaslužni i počasni član Naučno-tehničkog saveza metalurških inženjera Poljske, počasni i zaslužni član Saveza inženjera i tehničara Srbije i Jugoslavije, zaslužni član Srpskog hemijskog društva, član Naučnog društva Srbije i redovni član Inženjerske akademije Jugoslavije. Bio je predsednik Saveza inženjera metalurgije Jugoslavije 1976-1980. i od 1993. do 2006. godine, a takođe i potpredsednik Srpskog hemijskog društva.

Sam i sa saradnicima objavio je oko 280 stručnih i naučnih radova, studija, investicionih i istraživačkih projekata. Objavio je takođe i deset knjiga, monografija i udžbenika u 4 izdanja.

Osnovnu naučno-istraživačku aktivnost usmeravao je na teoriju i tehnologiju plastične prerade (prvenstveno valjanjem) metala i legura, obuhvatajući sledeće oblasti: kinetika tečenja metala, primena eksperimentalnih metoda u izučavanju plastične deformacije, kontaktno trenje u procesima plastične deformacije, otpor metala deformaciji, širenje u procesu valjanja, kalibrovanje glatkih valjaka, fizičko modeliranje procesa prerade metala u plastičnom stanju.

Bio je angažovan i u direktnom rešavanju složenih problema kao glavni inženjer valjaonica i tehnički direktor Železare Smederevo, kao glavni metalurg jugoslovenskih železara, kao tehnički savetnik većine tih preduzeća i kao nosilac većeg broja investicionih i istraživačkih projekata. Ovde treba istaći projekte rekonstrukcije mehanizovanih valjaonica lima u Železari Smederevo, studiju opravdanosti ugradnje šestog valjačkog stana u Sartidu, projekat izgradnje valjaonica traka kapaciteta 200.000 t, projekat za mini železaru u Zambiji kapaciteta 150.000 t, projekat proizvodnje pocinkovanih uskih traka, projekat proizvodnje tela za mlevenje spiralnim valjanjem, itd. Posebno se ističu projekti osvajanja proizvodnje limova za emajliranje, belih limova, limova za automobile, limova za sudove pod visokim protiskom, brodskih limova i limova od mikro legiranih čelika.

Stečeno znanje i ogromno iskustvo prenosio je na mlade kadrove i kao mentor i član komisija za teme i ocenu magistarskih i doktorskih radova na svim metalurškim fakultetima u prethodnoj Jugoslaviji. Ukupno je urađeno 28 magistarskih i doktorskih radova (kao mentor 17; u Beogradu 14, Zagrebu 5, Skoplju 4, Zenici 3 i Titogradu 2).

Prof. dr Mišković je nosilac Zlatne značke Saveza naučno-tehničkih društava Bugarske za značajna naučno-tehnička dostignuća u oblasti metalurgije. Nosilac je 2 plakete SEV-a za izuzetan doprinos nauke u metalurgiji, nosilac medalje Srpskog hemijskog društva za doprinos nauke u metalurgiji gvožđa i čelika. Takođe je nosilac velikog broja povelja i plaketa od metalurških institucija, kao i nosilac Ordena rada sa zlatnim vencem.

BORIVOJE D. MIŠKOVIĆ, Full Member of AESSM 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 taught the following subjects: Metal forming, Rolling mills calibration, Deformation resistance of metals, and Physical modelling of plastic deformation processes. Beside Belgrade, he taught at the faculties in Bor, Skopje and Kosovska Mitrovica. He was Vice-dean and Dean (1979-83) and many times head of the

Char 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). At present, he is the President of the Yugoslav Association of Metallurgical Engineers and member of the Presidency and Managing Board of the Serbian Chemical Society.

Profesor 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 «Tehniki». He is the Deputy Editor of the journal «Metallurgy» since 1995. He has been scientific adviser in the Institute for Metallurgy of Sartid AD, Smederevo since 1988. 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 is the Chairman 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 is 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 Yugoslav Association of Metallurgical Engineers – from 1976-1980, and since 1993.

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 is 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, metal sheets and bands. 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 a large number of charters and plaques from metallurgic 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.