

Personal report

## 70th birthday of Professor Mikhail Dimitrov Mikhailov



Prof. Mikhail D. Mikhailov was born in Pavel, Bulgaria, on January 27th, 1934. He received his engineering education at the Technical University Sofia, obtaining the equivalent to the M.Sc. in 1958, the equivalent to the Ph.D. in 1969, and reaching the Doctor of Sciences degree in 1976. Since 1958 he was affiliated with the Technical University Sofia, becoming an Associate Professor in Thermodynamics and Heat Transfer in 1968, and Full Professor in 1978. From 1978 to 1995 he was the Head of the Computer Science Department at the Institute of Applied Mathematics. From 1992 to 1995 he acted as Chairman of the Bulgarian Scientific Council, from 1993 to 1995 he was Chairman of the Technical Science Committee of the Bulgarian National Science Foundation, and since 1966 he is Member of the Scientific Council of the International Center for Heat and Mass Transfer.

Prof. Mikhailov has a very broad international experience, collaborating with various researchers around the world. He has been a Visiting Scholar at North Carolina State University, Raleigh, USA (1984, 1986, 1987, and 1989), at University of Pisa, Italy (1988), at Universidade Federal do Rio de Janeiro, Brazil (1990–1991, 1995–present), University of Sunderland, UK (1992, 1994), University of Limerick, Ireland (1993). He has enjoyed membership in editorial advisory boards of prestigious

international journals such as International Journal of Heat and Mass Transfer (1966–2000), International Communications of Heat and Mass Transfer (1966–2000), Journal of Engineering Physics (1966–present), Drying Technology (1985–1990), Communications in Applied Numerical Methods (1985–present), Applied Mathematical Modelling (1985–present), and co-editor of Hybrid Methods in Engineering (1999–present). His international reputation and recognition is also evident in his numerous participations as invited lecturer in various international meetings. He has been one of the distinguished lecturers on NATO Advanced Studies Institutes held in Turkey on various important topics of heat and mass transfer.

In terms of research results, he has published about 200 papers in the area of heat transfer, mass diffusion, numerical methods, mathematical modelling and computer science, he was the supervisor of over 20 Ph.D. students and directed more than 10 R&D projects, including joint projects with the Luikov Institute for Heat Mass Transfer and Institute for Nuclear Engineering, Minsk, Byelorussia and a Tempus educational project with University of Sunderland, University of Limerick, and University of Berlin. He is author or co-author of nine books, including the treatise “Unified Analysis and Solutions of Heat and

Mass Diffusion”, John Wiley & Sons, 1984, also Dover Publications, 1994, jointly with M. Necati Ozisik. Throughout his career Prof. Mikhailov was very active in the dissemination of analytical and numerical methods, such as integral transforms, finite differences and finite elements, for solving heat and mass transfer problems. For the last ten years in the Federal University of Rio de Janeiro, Brazil, he has concentrated on the development of symbolic computation and hybrid methods, based on the *Mathematica* platform.

Everyone that has become acquainted with Prof. Mikhailov or had the opportunity to work with him, has enjoyed his personality and well-grounded humor. On the occasion of his birthday, on behalf of his students, colleagues and friends all over the world, we wish him a very happy birthday and many more active years in good health and happiness with his wife Zeza, children and grandchildren.

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