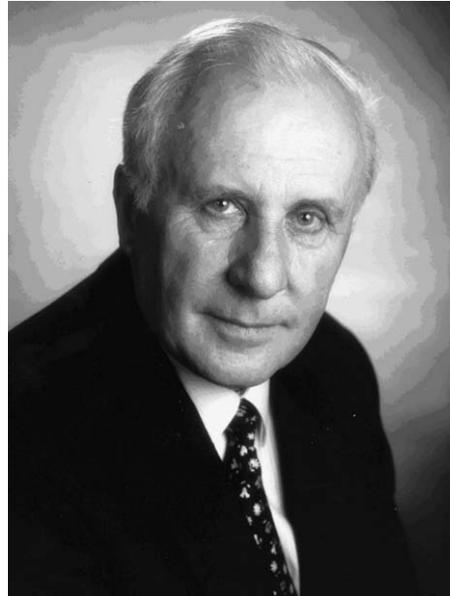


Editorial

Prof. em. Dr.-Ing. E.h. Franz Mayinger on his 75th birthday



Professor Mayinger is one of the leading authorities in the field of thermal sciences and well respected amongst his professional colleagues all over the world. Franz Mayinger, born on September 2, 1931 at Augsburg, studied Mechanical Engineering (1951–1955) at the Technical University of Munich and afterwards he became Scientific Assistant with Ernst Schmidt, Chair for Thermodynamics of that University. After obtaining his Ph.D. degree in Thermodynamics (1961), he joined the Maschinenfabrik Augsburg Nürnberg (MAN) in 1962 and he worked there until 1969 as manager and division director of a research department and laboratory for thermo-fluid dynamics in nuclear and chemical engineering until 1969. In October 1969, he became full professor and director of the Institute for Process Engineering at the University of Hannover. In April 1981, he returned to the University of Munich and worked there as full professor and holder of the chair for Thermodynamics which is the chair that was previously held by Wilhelm Nusselt, Ernst Schmidt and Ulrich Grigull before him. He became professor Emeritus in 1999.

In his academic career, Franz Mayinger served in several important positions in the University management. He was elected as the Dean of the Department of Mechanical Engineering at the Technical University of Munich (1986–1987). He is a founding member of the Applied Natural Sciences at Bayreuth University (1995–1998) and he served as Chairman of the Board of this university since 1998. He served as a member of the Reactor Safety Commission at the Federal Department of Environment (1971–1992) and the Chairman of the Commission in 1983–1984 and in 1990. He chaired the Commission of Accidents and Failures in Nuclear Reactors at the Federal Department of Environment (1992–1996). He also served as a member of the Advisory Board of Science and Technology of the Government of Bavaria (1993–2000), the Senate of the German Research Society (1977–1983), and the Advisory Board for Science of the Federal Government of Germany (1991–1997). He served as the Scientific Chairman of the Bavarian Elite Academy (1998–2002), and is a member of the Bavarian Academy of Sciences since 1989. He has been frequently

invited as a lecturer and speaker by various institutions in the US, Europe, Japan, China and other countries.

Professor Mayinger has published over 350 scientific papers on thermodynamics, heat and mass transfer, multi-phase-flow, power engineering, optical measurement techniques and reactor safety, and fundamentals of hydrogen combustion. He is the author/co-author of 7 books. Professor Mayinger performed pioneering work in all these fields and he has been recognized as one of the most outstanding scientist in the field of thermal sciences. He has received many international recognitions: The Max Jacob Award of the American Society of Mechanical Engineers and the American Institute of Chemical Engineering was bestowed on him in 1991. He received an Honorary Doctorate from the University of Hannover (1994), Medal “Pro Meritis” of the Bavarian Ministry of Education and Cultural Affairs (1998), Ernst Solvay Award (2000) and the Maximilian Order which is the highest acknowledgement of his scientific success from the state of Bavaria (2001).

Everyone who has become acquainted with Professor Mayinger or had the opportunity to work with him has

enjoyed his charming personality and his well-grounded humor. On the occasion of his 75th 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 Frau Franziska Mayinger, children, and grandchildren.

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