

Prof. em. Dr.-Ing. Dr.-Ing. E.h. Franz Mayinger on his 70th Birthday



Prof. Mayinger is one of the leading names in the field of thermal sciences and well respected amongst his professional colleagues all over the world. He was born on 2 September 1931, in Augsburg, Germany. He received his degrees of Dipl.-Ing. (1955), and Dr.-Ing. (1961) from the Lehrstuhl (chair) for Thermodynamics A, Department of Mechanical Engineering at the Technical University of Munich.

Professor Mayinger started his professional life as a research assistant (1955–1962) at the “Lehrstuhl” (chair) and Institute of Thermodynamics A at the Technical University of Munich. To acquire industrial experience, he worked as a chief engineer and manager of the research department at MAN Nürnberg (1962–1969). Then he was selected as full professor and the director of the Institute of Process Engineering at the Technical University of Hannover (1969–1981). He served as Dean of the Department of Mechanical Engineering at the Technical University of Hannover (1973/1974 and 1979/1980). In 1980, a search began to find a director for the prestigious Chair of the Thermodynamics A at the Technical University of Munich. Prof. Mayinger was selected to lead this well-known chair in 1981, a chair that was headed by Wilhelm Nusselt, Ernst Schmidt and Ulrich Grigull before him. He was also elected as the Dean of the Department of Mechanical Engineering at the Technical University of Munich (1986/1987). He became Professor Emeritus of this chair in 1999. He is a founding member of the Applied Natural Sciences at the Bayreuth University (1995–1998) and the Chairman of the Board of this

university since 1998. He served as the 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, Chairman of the Commission of Accidents and Failures in Nuclear Reactors at the Federal Department of Environment (1992–1996), member of the Advisory Board of Science and Technology of the Government of Bavaria since 1993, member of the Senate of the German Research Society (1977–1983), and member of the Advisory Board for Science of the Federal Government of Germany (1991–1997). He is the Scientific Chairman of the Bavarian Elite Academy since 1998, and 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.

He published over 350 scientific papers on Thermodynamics, Heat and Mass Transfer, Multiphase-Flow, Power Engineering, Optical Measurement Techniques and Reactor Safety. Prof. Mayinger performed pioneering work in all these fields and he has been recognized as one of the most outstanding scientists in the field of thermal sciences. He has received many international acknowledgements: Max Jacob Award of the American Society of Mechanical Engineers and

American Institute of Chemical Engineering, which may be especially mentioned as the most prestigious award in the field of heat transfer was bestowed to 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) and Ernest Solvay Award (2000).

Everybody who has become acquainted with Prof. Mayinger or had the opportunity to work with him has enjoyed his charming personality and his well-grounded humor. On the occasion of his 70th 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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