BIOGRAPHY

of Prof. Dr.-Ing. habil. Jürgen Bast

Date of birth 11. 09. 1942

**EDUCATION:**

1957 – 1960 Skilled worker (Foundryman)

1960 – 1963 College Board Exam

1963 – 1968 Study in the Technical University Bergakademie Freiberg

Diploma Supplement in Foundry Technique

1968 – 1971 PHD-student in Moskow Car University

1971 Doctor degree

1971 – 1982 Scientific Assistant at the Technical University Bergakademie Freiberg

1971 – 1982 Constructor in a Machine building company

1984 – 1996 Leader of the Foundry Laboratory at the Technical University Bergakademie Freiberg

1986 –1992 Scientific Assistant at the Technical University Bergakademie Freiberg

1992 Habilitation

**POSITIONS**

1992 Director of the Department “Metallurgical, Foundry and Forming

# Machines in Technical University Bergakademie Freiberg Germany

1996 - 2003 Speaker of the DFG-Graduate College „Transport Processes in porous Mediums”

1999 Vice-Dean of the Faculty „Mechanical Engineering, Process- and Energy-Techniques”

2001 Honorary Professor of the State Permer Technical University (Russia)

2002 Dean of the Faculty „Mechanical Engineering, Process- and Energy-Techniques”

2002 Member of the Academic Senate of the Technical University Bergakademie Freiberg

2004 Member of the DFG-Special-Collegium in the field of Foundry and Forging Technique

### RESEARCH FIELDS

### - Construction and Calculation of Foundry and Forging Machines

* Development of Processes in the field of Foundry and Forging Technique
* Mathematical Modelling and Computer Simulation of Foundry and Forging Processes
* Planning of Production

### Steel-girder construction

* Vibration Technique