

Pillar 1

Session 1.5 Efficient manufacturing and automation

Bruno Buchmayr

**Chair for Metal Forming, Dept. Product Engineering
University of Leoben**



Study:

1974-1980 Materials Science Study at
University of Leoben, Austria

Habilitation:

since Oct.91 Lecturer for Materials Science
and Welding Technology

Professional Career:

- Aug.80 - Oct.83: Research Assistant at Inst. for physical metallurgy at University of Leoben, Austria + PhD-Thesis
- Oct.83 - Mrz.90: Ass. Prof. at Technical University of Graz, Austria, Inst. for Materials Science and Welding Technology
- 1988-89: Guest Researcher at McMaster University in Hamilton, Ontario
- 1990-1997: head of CD-Laboratory for computer modelling of metallurgical phenomena and manufacturing processes,
- Since 1999 Key Researcher at the Materials Center Leoben
- Since Feb.2003 Full Prof. of Institute for Metal Forming at University of Leoben and Hon. Professor for Metal Forming at TU Graz, Faculty of Mechanical Engineering.



Research areas:

Materials behaviour during manufacturing, modelling and simulation, Metal forming technologies, heat resistant materials, materials selection, weldability of materials, damage analysis, rapid prototyping, tooling and advanced manufacturing, product and process optimization, additive manufacturing using selective laser melting

