



CURRICULUM VITAE

Univ.- Prof. Dr.-Ing. Thomas Bauernhansl

Director of the Institute of Industrial Manufacturing and Management IFF, University of Stuttgart and
Executive Director Fraunhofer IPA

BIRTH December 3, 1969 in Miltenberg, Germany

ADDRESS Fraunhofer Institute for Manufacturing Engineering and
Automation IPA Nobelstrasse 12 | 70569 Stuttgart | Germany
Phone +49 711 970-1100
thomas.bauernhansl@ipa.fraunhofer.de

PROFESSIONAL CAREER

since 9/2011 Director Fraunhofer IPA and Institute of Industrial Manufacturing and
Management, IFF, University of Stuttgart

7/2014 – 10/2016 Dean of Studies "Technology Management" University of Stuttgart

10/2012 – 1/2015 Head of Institute for Energy Efficiency in Production, EEP, University of Stuttgart

1/2011 – 8/2011 Freudenberg Sealing Technologies Head Global Process Technology

10/2007 – 12/2010 Freudenberg Sealing Technologies Head of Technology Center Europe
– Segmentation of production and location planning
– Facility planning, outsourcing and ramp up management
– Lean production (inclusive Six Sigma), technology management

11/2003 – 9/2007 Freudenberg Systems and Tools Engineering Ltd.
Speaker of corporate management

7/2003 – 10/2003 Freudenberg Systems and Tools Engineering Ltd.
Director of business unit "tool manufacture"
– Freudenberg Systems and Tools Engineering Ltd.
– Assistant of Corporate Management

4/2003 – 6/2003 Freudenberg & Co. Assistant of Executive Board
6/2002 Doctoral Degree Dr.-Ing. (summa cum laude)
Thesis: Evaluation of Synergy Potential in Mechanical Engineering

3/2001 – 3/2003 Department Manager of "Integrated Product Development" and from 2002
"Corporate Development"

6/1999 – 2/2001 Group Manager "Process and Technology Planning"

3/1998 – 3/2003 Research Assistant at the Laboratory of Machine Tools and
Production Engineering (WZL), Chair of Production Engineering
(Prof. Eversheim / Prof. Schuh), RWTH Aachen University

EDUCATION

1991 – 1998	Study of Mechanical Engineering at RWTH Aachen University Focus: Manufacturing Engineering Graduation: Dipl.-Ing. at RWTH Aachen
1989 – 1991	Soldier in training / reserve officer paratrooper's battalions, Lieutenant Reserve Officer
5/1989	High School Graduation (Abitur), Karl-Ernst-Gymnasium, Amorbach

MEMBERSHIPS AND COMMITTEE WORK

Managing Board Member of Verein zur Förderung
produktionstechnischer Forschung FpF e.V.

Research Board Member of Platform Industrie 4.0

Member of Board of Trustees IMPULS Foundation VDMA

Member of Wissenschaftliche Gesellschaft für Produktionstechnik (WGP)

Member of Board of Trustees of MPI for Intelligent Systems

Vice Chairman of the Steering Committee Alliance Industrie 4.0 BW

Board Member of Institute for Energy Efficiency in Production EEP
University of Stuttgart

Member of Board of Trustees KSB-Foundation

Member and Fraunhofer Representative of ManuFuture-DE

Board Member of C. Hafner GmbH + Co. KG

Strategic Advisory Board Member of Quadriga Capital GmbH

Board Member of DEKRA e.V.

Member of Scientific Board of Bundesvereinigung Logistik (BVL) e.V.

Member of Industrial Advisory Board of Accenture GmbH

Supervisory Board Member of EOS AG

Speaker of High-Tech Gründerfonds Investitionskomitee 1

Board Member of EJOT GmbH & Co. KG

Board Member of WAGO GmbH & Co. KG

Board Member of Enayati Surface Technology GmbH

Board Member of Arburg GmbH & Co. KG

Supervisory Board Member of Fraunhofer Austria Research GmbH

Member Expert Panel »Transformation of the Automotive Industry« at the Federal Ministry for Economic Affairs and Climate Action

Member of Fraunhofer WTR Main Commission

SCIENTIFIC FOCUS

Biological Transformation (Biointelligence)

Personalized Production (Mass Personalization)

Factory Planning and Production Optimization

Digital Transformation (Industrie 4.0)

UNIVERSITY ENGAGEMENT

ARENA2036: Active Research Environment for the Next Generation of Automobiles

S-TEC: Stuttgart Technology and Innovation Campus

Campus Schwarzwald

Graduate School of Excellence
advanced Manufacturing Engineering (GSaME)