Fraunhofer IPA

Fraunhofer Institute for Manufacturing Engineering and Automation IPA



CURRICULUM VITAE

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

Executive Director Fraunhofer IPA

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

PERSONAL DETAILS

Birth	December 3, 1969 in Miltenberg, Germany
Adress	Fraunhofer Institute for Manufacturing Engineering and Automation IPA Nobelstrasse 12 I 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, 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 starting 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 in the 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 Max Planck Institute 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

Board Member of DEKRA e.V.

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

Member of Industrial Advisory Board of Accenture GmbH

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 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)