

# Profile of Fraunhofer IWU

## Organization

### Fraunhofer Institute for Machine Tools and Forming Technology IWU

Prof. Dr.-Ing. M. Dix  
Director

Prof. Dr.-Ing. W.-G. Drossel  
Executive Director

Prof. Dr.-Ing. S. Ihlenfeldt  
Director

**Scientific Field**  
**Functional Integration and Systems Integration**  
Prof. Dr.-Ing. W.-G. Drossel

Symbiotic Mechatronics

Lightweight Construction, Textile Technologies  
and Circular Economy

Adaptive Process Chains

Reference Factory.H2

**Scientific Field**  
**Production Systems and Factory Automation**  
Prof. Dr.-Ing. S. Ihlenfeldt

Cognitive Production

Climate-Neutral Factory Operation

Agile Production Machines and Systems

**Scientific Field**  
**Process Technology**  
Prof. Dr.-Ing. M. Dix

Process Digitization and Manufacturing Automation

Cutting Technology and Surface Design

Forming Technology

### Research Management and Communication

Stakeholder Management and  
Strategic Cooperations

Program Management and  
Inhouse Consulting

Public Relations

### Services

Facility and Information Technology

Research Technology

Finances

Human Resources