

- Fraunhofer Institute for Production Systems and Design Technology IPK in Berlin and
- Technical University Berlin
- Fraunhofer Institute for Machine Tools and Forming Technology IWU in Chemnitz and
- Technical University Chemnitz

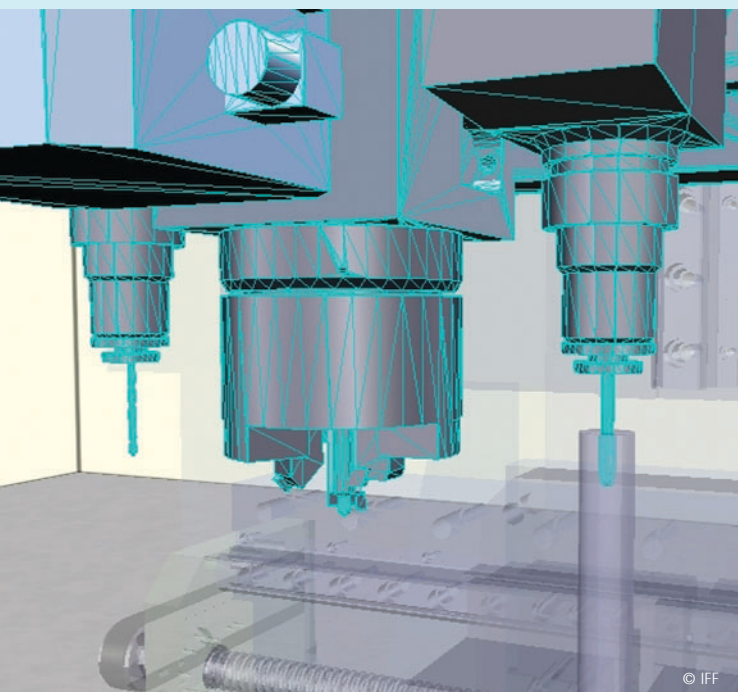
Fraunhofer Institute for Factory Operation and Automation IFF
Director
Prof. Michael Schenk
(ViVERA Spokesman)

Fraunhofer Institute for Computer Graphics Research IGD
Director
Prof. José L. Encarnação
(Deputy ViVERA Spokesman)

Fraunhofer Institute for Factory Operation and Automation IFF
Sandtorstrasse 22
39106 Magdeburg
Germany
Tel. +49 (0) 391/40 90-0
Fax +49 (0) 391/40 90-596
info@iff.fraunhofer.de
www.iff.fraunhofer.de

Central ViVERA Office
Mr. Marco Schumann
Tel. +49 (0) 391/40 90-158
Fax +49 (0) 391/40 90-115
marco.schumann@iff.fraunhofer.de

Public Relations and Marketing
Mr. Herbert Siegert
Tel. +49 (0) 391/40 90-482
Fax +49 (0) 391/40 90-473
herbert.siegert@iff.fraunhofer.de



Virtual product presentation for machine tool engineering.

The new Virtual Development and Training Centre building in the Magdeburg Scientific Port.



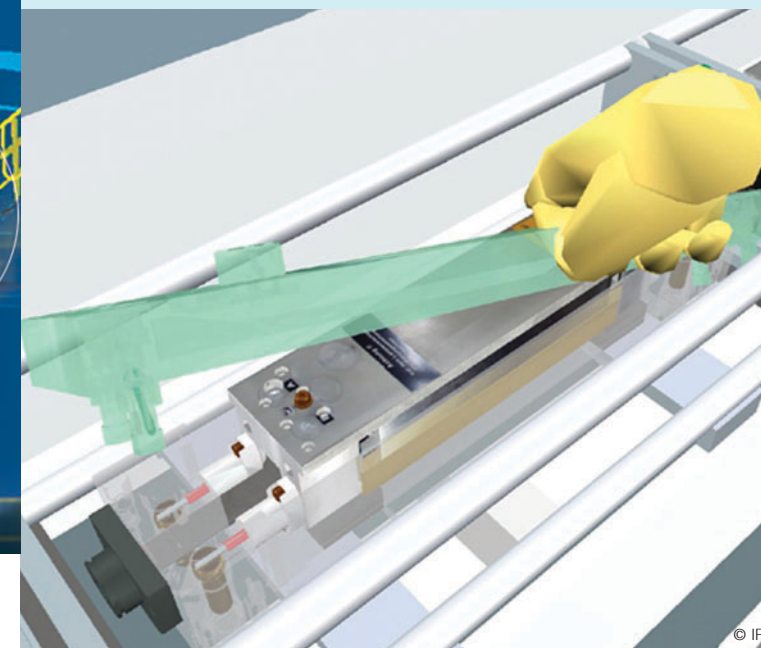
© ACM



ViVERA
Virtual Excellence
Network for Virtual and
Augmented Reality

The cooperation partners in the
»ViVERA« network:

- Fraunhofer Institute for Factory Operation and Automation IFF in Magdeburg and
- Otto von Guericke University Magdeburg
- Fraunhofer Institute for Computer Graphics Research IGD in Darmstadt and
- Technical University Darmstadt
- Fraunhofer Institute for Computer Graphics Research IGD-R in Rostock and
- University Rostock



Virtual training in automotive engineering.

ViVERA – Virtual Excellence Network for Virtual and Augmented Reality

Bundling of Competencies in Various Industries

Virtual and augmented reality technologies have made enormous advances in recent years: Germany holds a leading position internationally.

»ViVERA« bundles top competencies in this field spanning various industries. Specialists from five Fraunhofer Institutes and their partner universities have combined their know-how in one network to ensure research results can be used more efficiently. Their common goal is to further consolidate Germany's leadership position.

More Efficient Use of Research Results for Developers and Users

»ViVERA« has set itself the tasks of bringing together the experiences of developers and users and of sustainably integrating virtual technologies in business and industry. Accompanying research augments the functionalities of virtual technologies and adapts them to particular fields of application as required. Research results are documented in a knowledge base and integrated in the international research scene. They are thus made accessible to a wide circle of potential users. The Fraunhofer IFF Virtual Development and Training Centre serves as a contact for technology transfer and establishes contact with the cooperating research partners.



»ViVERA«: Close research exchange and intensive networking of top competencies lead to efficient use of research results.

Virtual Models for Corporate Practice

Today, virtual models are frequently replacing real prototypes. This can cut production costs considerably. These applications are also outstandingly suited for small and medium-sized enterprises.

Companies interested in the application of virtual technologies are invited to become part of the excellence network. Equipped with extensive experiences from already completed projects, »ViVERA« associates are developing customized applications together with their clients from the business community. The researchers provide consulting when virtual technologies are being implemented in companies and develop individual software solutions completely made-to-order.

Typical Fields of Application of Virtual and Augmented Reality:

- Virtual product development
- Functional tests with virtual models
- Presentation support during market launch
- Training and qualification using virtual models

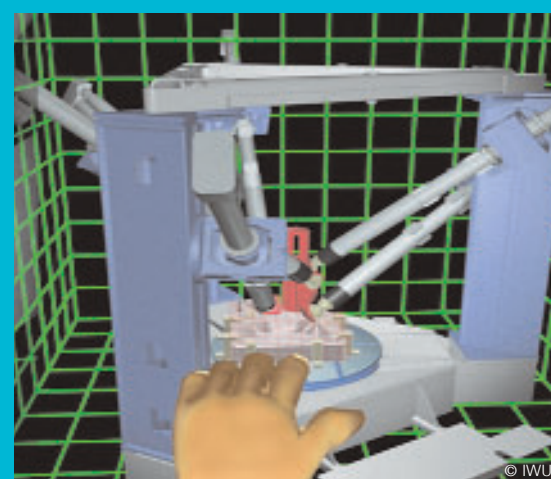
ViVERA concentrate on the sectors



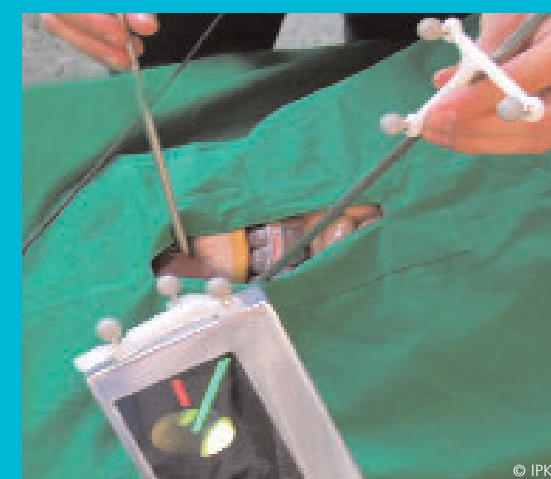
Automotive Industry



Plant Engineering



Mechanical Engineering



Medicine



Shipbuilding