

Bridging Science and Practice

The Institute for Work and Technology (IAT) is a R&D organisation located at the interface of science and practice. On the basis of the scientific state of the art and latest insights from research and development it offers measures for technological, societal and economic challenges. At the same time, it systematises empirical experiences and makes them accessible for further research. In search of social, organisational and technological innovations the Institute for Work and Technology combines basic and applied research, scientific advice and knowledge management.

Address:
Institut Arbeit und Technik
Munscheidstr. 14
D-45886 Gelsenkirchen
Germany
Tel.: +49 209 1707-0
Fax: +49 209 1707-110
<http://www.iat.eu>

Management:

Prof. Dr. Franz Lehner
Head of the Institute
E-Mail: lehner@iat.eu

PD Dr. Josef Hilbert
Research Director of the
Research Group *Health
Industries & Quality of Life*
E-Mail: hilbert@iat.eu

Dr. Michael Krüger-Charlé
Research Director of the
Research Group *Knowledge &
Competence*
E-Mail: kruegerc@iat.eu

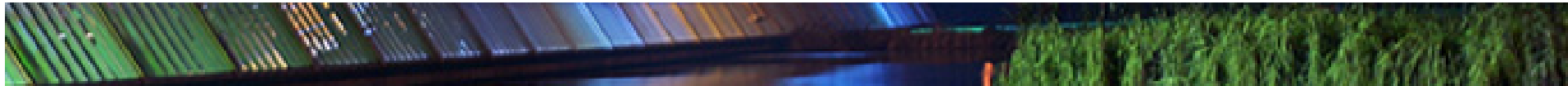
Detlef Ober
Administrative Director
E-Mail: ober@iat.eu

PD Dr. Dieter Rehfeld
Research Director of the
Research Group *Innovation,
Space & Culture*
E-Mail: rehfeld@iat.eu



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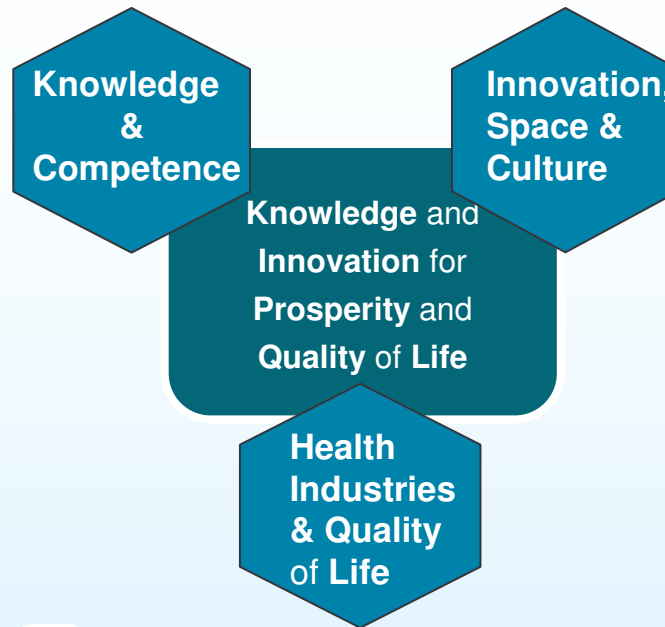


„Knowledge and Innovation for sustainable Growth and Quality of Life“

The Institute for Work and Technology is a research organisation of the University of Applied Sciences Gelsenkirchen (Germany) and a co-operation partner of the University of Bochum. Main objectives are to support and to enhance prosperity and quality of life. The overall philosophy of the Institute for Work and Technology is to combine research, development, piloting and diffusion of innovative knowledge, products, services and technologies. Basic guidelines and perspectives can be described as follows:

- The generation and application of knowledge is of growing importance in modern societies and knowledge based economies.
- Spatial and cultural environments set the frame for innovation and growth. They are considered as a precondition for the development of innovative spaces.
- The growth of health industries combines job creation with sustainable benefits for the wider society.

In national and international co-operations the Institute for Work and Technology carries out basic research, analyses current development trends and develops concepts to increase prosperity and quality of life.



Research Group „Innovation, Space & Culture“

Regional processes of change are examined in the context of cultural and spatial aspects as well as of knowledge dynamics in innovation processes. The research group considers cultural and spatial aspects as key components to stimulate the distinctiveness of locations in a global context. Furthermore, they are drivers of change in established innovation paths and catalysts in innovation processes.



Research Group „Health Industries & Quality of Life“

The organisation of the economic value chain in health industries is the central focus of the research group. The main activities are scientific support and evaluation of both product and service innovations on company, regional and international level. Medical and technical progress, demographic change as well as the increasing importance of health promotion and prevention and quality of life are the activity's starting points. New and integrative solutions are carried out which combine the requirements of both the demand and supply side.



Research Group „Knowledge & Competence“

The focus of research is the knowledge based society and the requirements of work in the transformation process from industrial towards knowledge based production systems. The research group examines mechanisms of knowledge production and application in the fields of science, economy and other societal sub-systems. In this context, the conveyance of knowledge through education and qualification has a considerable significance.