

Institute of Microstructure Technology (IMT)

Directors: Prof. Dr. Koos, Prof. Dr. Korvink, Prof. Dr. Lemmer, Prof. Dr. Richards

Further members of the management team: Prof. Dr. Brandner, Prof. Dr. Guber, Dr. Hecke, Dr. Maas

Teaching and Training: Prof. Dr. Guber, Prof. Dr. Kohl

Administration, Controlling and Human Resources
Dr. Hecke, Deputy: Roth

Smart Nano and Microsystems

Prof. Dr. Guber
Deputy: Prof. Dr. Hölscher

BioMEMS and Biosensing, Microfluidics
Prof. Dr. Guber

Biomimetic Surfaces and Scanning Probe Technologies
Prof. Dr. Hölscher

Large-Scale Surface Structuring
PD Dr. Worgull

Low-Cost MEMS
Dr. Mager

Mold Inserts and Electroplating Processes
Dr. Guttman

Molecular Search Engines
Prof. Dr. Nesterov-Müller

NMR: Microtechnologies for Imaging and Spectroscopy
Dr. Jouda

Smart Materials and Devices
Prof. Dr. Kohl

AFM-Cluster *
Replication Cluster *
RIE/RIBE *

Materials Information Discovery

Prof. Dr. Korvink
Deputy: Prof. Dr. Brandner

Applied X-ray Imaging Systems
Dr. Last

Correlative X-ray Imaging
Dr. Kunka

Microstructures and Process Sensors
Prof. Dr. Brandner

NMR Spectroscopy for Metabolomics and Signalling
Dr. MacKinnon

Peptide, Chemical and Material Arrays
Prof. Dr. Breitling

Spin & Photon Applications Laboratory
Dr. Badilita

NMR
X-ray Lithography *

Teratronics and Photonics

Prof. Dr. Koos
Deputy: N. N.

3D Photonic Integration
Dr. Bade

Advanced Nanofabrication
Dr. Hohmann

Biophotonics
Prof. Dr. Koos

Teratronic Components
Dr. Kuzmin

Direct Laser Writing *
Electron Beam Lithography *
Two-Photon Lithography *

Nanophotonics for Energy

Prof. Dr. Richards
Deputy: Prof. Dr. Lemmer

Advanced Materials and Optical Spectroscopy
Dr. Howard

Advanced Optics and Materials for Next Generation Photovoltaics
Prof. Dr. Paetzold
(HGF Young Investigator Research Group)

Light Management
N. N.

Luminescent Nanocrystals
Dr. Hudry

Materials for Spectral Conversion
Dr. Turshatov

Printed Electronics
Dr. Hernandez-Sosa

Printed Functional Systems
Prof. Dr. Lemmer

Third Generation Photovoltaics
Prof. Dr. Richards

Nanocrystal Synthesis
Optical Spectroscopy
Thin- and Thick-Film Deposition
(for Solar Cells and Thermoelectrics)

Core Technologies Including KNMF *

Dr. Maas, Deputy: Dr. Köhler