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Director: Prof. Dr. Klaus-Dieter Weltmann

## Center of innovation.

- 120 employees
- 26 laboratories
- clean room, chemical lab, application labs
- mobile measuring- and diagnostic equipment

## Solutions for Plasma Technology: from the basics to the prototype.

### Plasma Sources

- UV/VUV radiation sources
- high pressure light sources
- special light sources
- modular sources

### Micro- and Nano-disperse Materials

- modification, synthesis of powders, nanotubes, fibres...
- plasma-particle interaction
- atmospheric pressure plasmas

### Environmentally Relevant Plasma Processes

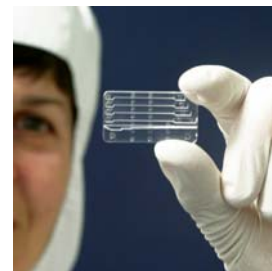
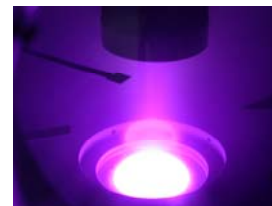
- chemical conversion
- plasma catalysis
- soot and exhaust treatment

### Functional Surfaces

- surface processes, functionalization
- bioengineering, plastics engineering
- thin film deposition

### New Scopes of Work // Service

- switching arcs, welding arcs
- industry service



## You gain from our expertise.

- consultation
- process development and prototyping
- diagnostics for gas / surface / plasma analysis
- modelling and simulation

