

## 2 Organization

### Center for Microtechnologies

**Prof. Dr. Wolfram Dötzel**  
**Prof. Dr. Gunter Ebest**  
**Prof. Dr. Joachim Frühauf**  
**Prof. Dr. Thomas Gessner**  
**Prof. Dr. Dietmar Müller**  
**Prof. Dr. Christian Radehaus**

Our scientific research focuses on microsystem technology, microelectronics, as well as optoelectronics and integrated optics. In these fields, the Chemnitz University of Technology has had a tradition and experience of more than 30 years.

The research comprises ULSI metallization technologies, fabrication and application of micromechanical components, modeling, simulation and design of processes, devices, components, circuits and test structures down to the nanometer range, as well as single electron tunneling technologies, nonlinear photonic materials and fiber optics.

In education, the specified and related topics are taught in the basic and main courses. The institute offers the specializations Electronics/Microelectronics, Microsystem/Device Technology and Mechatronics.

The equipment is provided for the institute in combination with the Center for Microtechnologies and comprises a complete silicon wafer line, mask making equipment, commercial software and hardware for simulation and design, as well as extensive analysis and semiconductor measurement technology.

The Center for Microtechnologies facilities include 1000 m<sup>2</sup> of clean rooms (about 30 % of them class 10 to 100) with equipment for mask and wafer processes.

**Visit our homepage:**                    <http://www.zfm.tu-chemnitz.de>

#### **Chair Microsystems and Precision Engineering**

##### **Professur Mikrosystem- und Gerätetechnik**

**Prof. Dr.-Ing. Wolfram Dötzel**

**Dean of the Faculty** (April 2000 – March 2003)

phone (+49 371) 531 3264

fax (+49 371) 531 3259

e-mail: [doetzel@infotech.tu-chemnitz.de](mailto:doetzel@infotech.tu-chemnitz.de)

[www.infotech.tu-chemnitz.de/~microsys/index.html](http://www.infotech.tu-chemnitz.de/~microsys/index.html)

#### **Chair Electronic Devices**

##### **Professur Elektronische Bauelemente**

**Prof. Dr.-Ing. Gunter Ebest**

phone (+49 371) 531 3125

fax (+49 371) 531 3004

e-mail: [ebest@e-technik.tu-chemnitz.de](mailto:ebest@e-technik.tu-chemnitz.de)

[www.tu-chemnitz.de/etit/leb/](http://www.tu-chemnitz.de/etit/leb/)

## **Chair Microtechnology**

### **Professur Mikrotechnologie**

**Prof. Dr. Dr. Prof. h.c. mult. Thomas Gessner,**

phone (+49 371) 531 3130

fax (+49 371) 531 3131

e-mail: [Thomas.Gessner@zfm.tu-chemnitz.de](mailto:Thomas.Gessner@zfm.tu-chemnitz.de)

[www.zfm.tu-chemnitz.de](http://www.zfm.tu-chemnitz.de)

## **Chair Circuit and System Design**

### **Professur Schaltungs- und Systementwurf**

**Prof. Dr.-Ing. habil. Dietmar Müller**

phone (+49 371) 531 3195

fax (+49 371) 531 3193

e-mail: [mueller@infotech.tu-chemnitz.de](mailto:mueller@infotech.tu-chemnitz.de)

[www.tu-chemnitz.de/etit/sse/](http://www.tu-chemnitz.de/etit/sse/)

## **Chair Optoelectronics and Solid-State Electronics**

### **Professur Opto- und Festkörperelektronik**

**Prof. Dr. rer. nat. Christian Radehaus**

phone (+49 371) 531 3086

fax (+49 371) 531 3004

e-mail: [cvr@infotech.tu-chemnitz.de](mailto:cvr@infotech.tu-chemnitz.de)

[www.tu-chemnitz.de/etit/opto/](http://www.tu-chemnitz.de/etit/opto/)

## **Group for Material Science**

### **Arbeitsgruppe „Werkstoffe der Elektrotechnik / Elektronik“**

**Prof. Dr. rer. nat. habil. Joachim Frühauf**

phone (+49 371) 531 3178

fax (+49 371) 531 3202

e-mail: [joachim.fruehauf@e-technik.tu-chemnitz.de](mailto:joachim.fruehauf@e-technik.tu-chemnitz.de)

[www.infotech.tu-chemnitz.de/~wetel/wetel-home.html](http://www.infotech.tu-chemnitz.de/~wetel/wetel-home.html)

## **Center for Microtechnologies (Scientific Institution)**

### **Zentrum für Mikrotechnologien (ZfM)**

**Director: Prof. Dr. Dr. Prof. h.c. mult. Thomas Gessner,**

phone (+49 371) 531 3130

fax (+49 371) 531 3131

e-mail: [Thomas.Gessner@zfm.tu-chemnitz.de](mailto:Thomas.Gessner@zfm.tu-chemnitz.de)

[www.zfm.tu-chemnitz.de](http://www.zfm.tu-chemnitz.de)