



## Institute of Mechatronics

The Institute of Mechatronics is part of the Faculty of Computer Science and Electrical Engineering and has been founded in 1996. The staffs are consisting of 4 professors, 4 engineers and approx. 150 students. Industrial and public funded projects are carried out by additional personal, currently 5 scientists and engineers.

### Key Research Fields & Competence Areas:

- Bonding and Joining techniques on the basis of pressure sintering of semiconductors and components
- Characterisation of liquid coolers for electronic systems
- Characterisation of sensors and systems

### Institute Highlights:

- Cleanroom laboratory class 100
- Air conditioned laboratory for physical measurements
- 2 pneumohydraulic presses, heated and computer controlled for pressure sintering
- Thickfilm process line for printing, drying and firing
- Laboratories for technical optics (interferometry, vibration, thermography)

### Contact Information:

University of Applied Sciences Kiel  
Institute for Mechatronics

Prof. Dr. Ronald Eisele

Grenzstr. 3

D-24149 Kiel

Email: [ronald.eisele@fh-kiel.de](mailto:ronald.eisele@fh-kiel.de); Tel. +49-431-210-2581; Fax +49-431-210-6-2581

<http://www.fh-kiel.de>