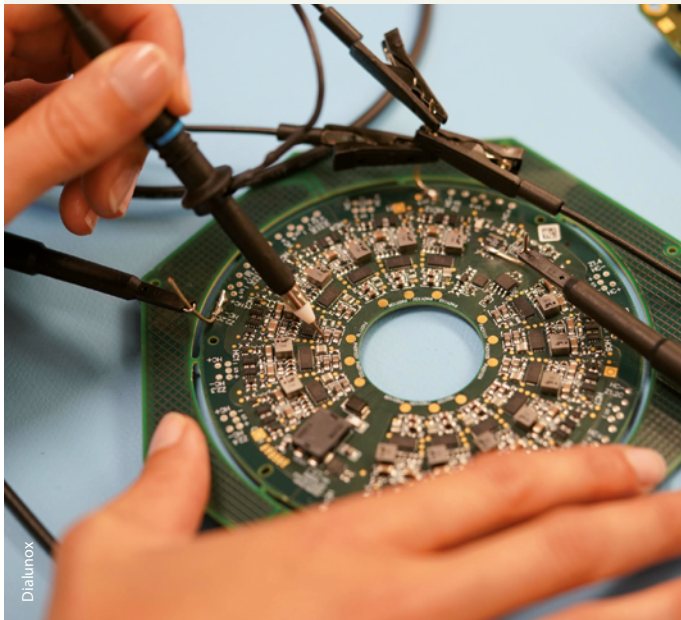




Medical Microtechnology Conference and 16th Workshop on Low Liquid Flows in Medical Technology

February 22nd, 2023
Hanse Innovation Campus Lübeck



Dialunox

BACKGROUND

Microsystems are playing an increasingly important role in medical technology. This requires new efforts and ways in the education of developers and users.

Several talks on the topic of microsystems will provide a direct insight into industrial development of medical products.

The new international master's degree program in Medical Microtechnology is designed to help meet the future demand for specialists.

Three universities have therefore jointly developed a study program that will be presented.

ORGANIZER

The Medical Sensors and Devices Lab at Technische Hochschule Lübeck is part of TANDEM and developing components and devices for medical applications, usually in cooperation with partners from clinics as well as industry. Please find additional information at www.th-luebeck.de/msgt



TANDEM – Technology and Engineering in Medicine
The North German Competence Center for Medical Technology of the Universität zu Lübeck and the Technische Hochschule Lübeck

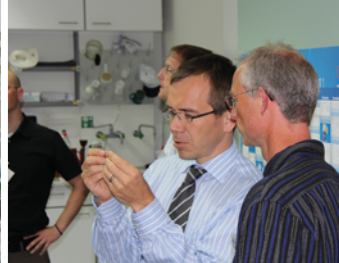
WELCOME TO LÜBECK

Talks: Building 25 | Lab visits: Building 64



INFORMATION AND REGISTRATION

www.conferencemanager.de/mmt



PROGRAM

PART I: LABS

13:00 Guided Lab tour
Building 64

14:15 **Break, lunch**
Building 25

15:00 Welcome Address
Muriel Helbig
Thorsten Buzug

PART II: TALKS I

Moderation: Stephan Klein

15:15 Adaptable Magnetic Shape Memory Alloy
Pump for Lab-on-Chip Applications
Tim Polley

15:35 Use of a Microfluidic Disc in Point-of-Care
Applications
Benjamin Albrecht

15:55 Specific Requirements and Challenges for the
Miniaturization of Minimal-Invasive Medical
Devices
Harald Hanke

16:15 **Break**
Poster presentations

PART III: TALKS II

Moderation: Till Leißner

16:45 Measuring of Micro-Flows and Calibrating
Corresponding Measurement-Devices in
Medical Technology
Henrik Kjeldsen

17:05 Medical Microtechnology –
a New Transnational Master-Program
Horst-Günter Rubahn

17:15 **Get together**
Refreshments

PRESENTERS

Benjamin Albrecht
R&D Systems Engineering and Optics
Dialunox GmbH, Stockach

Dr. Thorsten Buzug
Professor, Executive Director
Fraunhofer Research Institution for Individualized and
Cell-Based Medical Engineering IMTE, Lübeck

Dr. Harald Hanke
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