Registration, contact and further information

LSA2018 Website and Online registration
Please register before 22 June 2018 at www.ihk-sh.de/lsa
Programme details may be subject to change.

Fees and discount fees
All participants must register. Attendance fee is 50 EUR. Discount fee is 30 EUR. Representatives of member organisations of the BioMedTec Science Campus and of Life Science Nord are eligible for the discount fee. Students are exempt from fees. A valid student ID is required at registration.

Table-top exhibition
Room MF 500
Fees for table-top stands are 250 EUR plus 19% VAT per stand, including catering and free access to the conference presentations for two staff of the exhibitor’s organisation. Stands include a stand-up table and space for one roll-up display. Further details and a service package leaflet are available from IHK zu Lübeck (see below for contact details).

Poster exhibition
Room MF 500
Posters on (1) regulatory affairs for medical devices, (2) microfluidics or (3) deep learning are welcome. A limited number of poster boards (1.20 m width, 1.50 m height) is available. For further details please contact IHK zu Lübeck (see below for contact details).

Location
MediaDocks, Willy-Brandt-Allee 31, 23554 Lübeck / Germany
For directions see http://www.mediacocks.de/lage-anfahrt.php

Accommodation
Klassik Altstadt Hotel Lübeck
www.klassik-altstadt-hotel.de
Atlantic Hotel Lübeck
www.atlantic-hotels.de/luebeck
Park Inn by Radisson Lübeck
www.parkinn.de/hotel-luebeck

Contact
IHK zu Lübeck
Dirk Hermesmeyer
Fackenburger Allee 2
23558 Lübeck, Germany
Phone +49-451-6006-191
hermesmeyer@ihk-luebeck.de

Note: With registration I agree to the organisers using and storing my personal data for the organisation of this event. Personal data will not be forwarded to third parties.
Welcome to LSA2018!

Our topics are regulatory affairs for medical devices, microfluidics and artificial intelligence.

The Medical Device Regulation (MDR) transition period ends in May 2020. The designation process of notified bodies (NB) in accordance with the MDR is presently ongoing. At this stage, manufacturers are lacking information from their NB about requirements they will need to fulfill to bring their products on the European market legally in less than two years. In the Regulatory Affairs session, experts will shed light on some aspects of this difficult situation. It is organized by Life Science Nord’s Working Group on Regulatory Affairs. We invite you to engage in interactive panel discussions.

The flow of liquids inside and outside the human body plays a key role in medical technology. Safety and reliability of many medical devices and their components, e.g. dialysis machines, infusion pumps, or liquid-handling systems for in-vitro-diagnostics, require safe and reliable dosing of liquids. Experts from academia and industry will discuss their current projects. Artificial intelligence (AI) continues to be the most hyped, cross-sectional technology today. AI revolutionizes pattern recognition in images and situations. It is organized by Life Science Nord’s Working Group on Regulatory Affairs. We invite you to engage in interactive panel discussions.

Artificial Intelligence (AI) continues to be the most hyped, cross-sectional technology today. AI revolutionizes pattern recognition in images and situations. It is organized by Life Science Nord’s Working Group on Regulatory Affairs. We invite you to engage in interactive panel discussions.

A common introductory session with key notes, posters, and a table-top session is co-organized by Fraunhofer MEVIS, Lübeck University of Applied Sciences and the Institute for Technology Assessment and Systems Analysis (ITAS), Karlsruhe Institute of Technology (KIT).

The session is co-organized by Fraunhofer MEVIS, Lübeck University of Applied Sciences and the Institute for Technology Assessment and Systems Analysis (ITAS), Karlsruhe Institute of Technology (KIT).

The session is co-organized by Fraunhofer MEVIS, Lübeck University of Applied Sciences and the Institute for Technology Assessment and Systems Analysis (ITAS), Karlsruhe Institute of Technology (KIT).

Programme

8.30 Registration and coffee

Plenary Session: Welcome and Introductory Key Notes
Room MF 500

9.00 Welcome
Lars Schlöning
Lübeck Chamber of Commerce and Industry

9.10 Key note 1: AI Now and in the Future – Opportunities and Risks
Wolfgang Hildebrandt
Head of Watson and AI, DACH - IBM Cognitive Solutions
IBM Deutschland GmbH, Hamburg

10.00 Key note 2: Emerging Medical Technology in Politics and Society
Christopher Conen
Institute for Technology Assessment and Systems Analysis (ITAS), Karlsruhe Institute of Technology (KIT)

10.50 Discussion

11.10 Refreshments and exhibition

Parallel Session 1: Regulatory Affairs
Room MF 500

11.45 Medical Device Regulation
Implementation on European Level, First Results
Matthias Neumann
German Federal Ministry of Health, BMG, Berlin

12.30 Designation Process of Notified Bodies
Andrea Johannes
Central Authority of the Länder for Health Protection with regard to Medicinal Products and Medical Devices, ZIB

13.15 Lunch and exhibition

14.15 Re-Designation and Transition Period – Impact on Manufacturers
Klaus-Dieter Ziel
MEICERT GmbH Notified Body, Hamburg

14.45 Clinical Data for Conformity Assessment and Regulatory Approval
Michael Imhoff
gtc consult GmbH, Lübeck

15.15 Refreshments and exhibition

15.45 Meeting UID-requirements – Lessons Learnt and Customer Perspective
Sylvia Reingardt
GE1 Germany GmbH, Köln

16.15 Panel discussion: From EU-MDD to EU-MDR

16.45 Get-together: Refreshments and exhibition

Parallel Session 2: Microfluidics
11th Lübeck Workshop on Low Liquid Flows in Medical Technology
Room MF 50-1

11.45 Bringing the Lab out of the Lab: A Microfluidic based In Vitro Diagnostics Platform for Multiple Biomarker Point-of-Care Detection
Frank Bier
Fraunhofer-Institut für Cell Therapy and Immunology, Potsdam

12.15 Isolation of Exosomes Using Viscoelastic Fluids in a Microfluidic Device
Daniil Mironov
PDC Solutions ApS, Kongens Lyngby, Denmark

12.45 Lab-on-Chip: A Universal Microfluidic Platform
Corinna Kroner
Institut für Robotik und Kognitive Systeme, TU Dortmund - Fluid Mechanics

13.15 Lunch and exhibition

14.15 Liquid/Liquid Slug Flow and Mass Transport in a Micro-Capillary Reactor - Simulation and Experiment
Petter Ehrhard
TU Dortmund - Fluid Mechanics

14.45 Meeting UID-requirements – Lessons Learnt and Customer Perspective
Robert Bosch GmbH, Stuttgart

15.15 Refreshments and exhibition

15.45 Micro Fluidic System for the Investigation of the Synovial Liquid by X-ray Scattering Methods
Elmar Rückert
POC Solutions ApS, Kongens Lyngby, Denmark

16.15 Isolating Adherent Single Cells – The Taming of the Shrew
Chris Wetzel
MMI Molecular Machines & Industries GmbH, Microscopic Single Cell Isolation, Eching

16.45 Get-together: Refreshments and exhibition

Parallel Session 3: Artificial Intelligence and Deep Learning
Technological and Ethical Aspects of AI- and DL-Based Products
Room MF 100-1

Robert Dürichen
Robert Bosch GmbH, Stuttgart

12.15 Why Deep Learning will not Replace Radiologists
Horst Holz
Fraunhofer MEVIS, Bremen

12.45 Deep Learning for Motor Control
Elmar Rücker
Institut für Robotik und Kognitive Systeme, Universität zu Lübeck

13.15 Lunch and exhibition

14.15 Technical Committee on AI at DIN (German Institute for Standardization)
Katharina Sehnert
DIN e.V., Berlin

14.45 Challenges in Face Recognition
Konstantin Sandmann
DERMALOG Identification Systems GmbH, Hamburg

15.15 Refreshments and exhibition

15.45 Intelligent Agents and the Law
Susanne Beck
University of Hannover

16.15 Panel discussion: Technological and Ethical Aspects of AI in Health and Beyond

16.45 Get-together: Refreshments and exhibition