The Initiative

DIFUTURE

Data Integration for Future Medicine

MEDICAL INFORMATICS INITIATIVE GERMANY

SPONSORED BY THE

Federal Ministry of Education and Research

Consortial Partners

LMU Ludwig-Maximilians-Universität München

LMU Klinikum der Universität München

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Klinikum rechts der Isar

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Universitätsklinikum Tübingen

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Roll-out Partners

Universität des Saarlandes

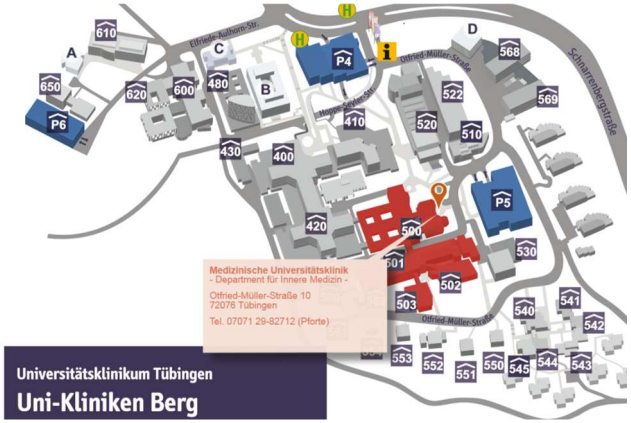
UKS Universitätsklinikum des Saarlandes

UKR Universitätsklinikum Regensburg

Industry Partner

KAIROS

Venue



How to get there with public transportation:

From the main railway station - directly opposite of which you will find the main bus station - you can reach all our Hospitals with the town buses ("Stadtbus").

"Berg" Hospitals:

With bus routes no. 5, 13, 17, 18, 19, X15 from main railway station and no. 14 from the west railway station ("Westbahnhof"). Night buses N93 and N94.
Busstop: "**Kliniken Berg**".

Event Address
Medizinische Klinik
Gebäude 501
Großer Hörsaal
Ebene 5; Raum 379

Otfried-Müller-Str. 10
72076 Tübingen

Contact
Dieter Weichart
E-Mail: dieter.weichart@uni- tuebingen.de
Tel.: +49-7071-29 84336

Picture credits
Nils Dittbrenner

For further **details** and **registration**, please visit our website:

https://difuture.de/difuture-symposium-2019/

Institute for Bioinformatics and Medical Informatics (IBMI)

DIFUTURE
Annual Symposium 2019
Tübingen

10th October 2019

Universitätsklinikum Tübingen

Dear colleagues,

The DIFUTURE Consortium invites you to its 2nd annual symposium in Tübingen. DIFUTURE is one of four consortia funded by the BMBF as part of the German Medical Informatics Initiative.

The DIFUTURE consortium consists of TU Munich, LMU Munich, and University of Tübingen, Augsburg University, University of Ulm and its university medical centers. Further partners are Saarland University and University of Regensburg as well as Kairos GmbH as an industry partner.

After the first two years of developments within the consortium, we can already show significant progress considering our infrastructure and our use cases. Core components of the data integration centers have been developed and deployed and enable data sharing for a wide range of applications. Structured data collection for the observational studies underpinning our initial use cases is on-going. Furthermore, first plans concerning distributed data analysis will be presented.

This symposium is organized both for presenting our progress and to bring our partners together to discuss further research perspectives. For this purpose, we have invited leading international experts who will present their approaches for data sharing, interoperability, data integration, and analysis.

We welcome you to our event in Tübingen and wish you a pleasant and insightful experience!

Klaus A. Kuhn
DIFUTURE coordinator

Oliver Kohlbacher
DIFUTURE coordinator Tübingen

10 OCT, 19 Schedule (1/2)

11.00 - 11.15 Uhr

Welcome

Oliver Kohlbacher, Nico Pfeifer, Klaus A. Kuhn

11.15 - 11.55 Uhr

Summary and goals from the i2b2 / tranSMART AUG platform meeting.

Shawn N. Murphy

Harvard Medical School

11.55 - 13.00 Uhr

Lunch break / Buffet

13.00 - 13.40 Uhr

Privacy Games: Leveraging Economics to Balance Health Data Privacy and Utility

Bradley A. Malin

Vanderbilt University

13.40 - 14.20 Uhr

Innovation through Integration: Implementation Lessons and New Operational Models Based on Use of REDCap's FHIR Module In Single- and Multi-Center Trials

Paul A. Harris

Vanderbilt University Medical Center

14.20 - 14.50 Uhr

DIFUTURE Overview and Status

Klaus A. Kuhn

TU München

14.50 - 15:20 Uhr

Coffee break

10 OCT, 19 Schedule (2/2)

15.20 - 15:50 Uhr

Personal Health Train (PHT) – A Status Update

Marius Herr

Universität Tübingen

15.50 - 16:20 Uhr

Architecture of the DIFUTURE Data Integration Centers

Jörg Peter

Universität Tübingen

16.20 - 16:50 Uhr

Use Case Multiple Sclerosis (UC MS)

The many challenges to construct a treatment decision rule

Ulrich Mansmann

LMU München

16.50 - 17:20 Uhr

Use Case Parkinson's Disease (UC PD)

Defining markers for PD progression: The LOC-PD study

Thomas Gasser

DZNE Tübingen

17.20 - 18:00 Uhr

Assessment of Pancreatic Cancer Risk through Machine Learning Analysis of Real World Clinical Records

Chris Sander

Dana-Farber Cancer Institute and Harvard Medical School