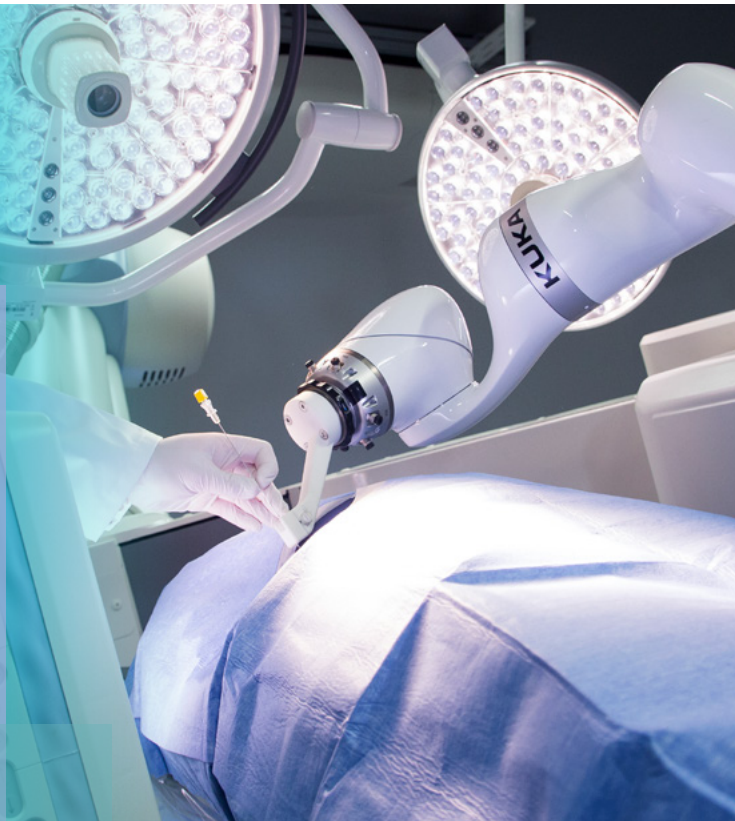


SYMPOSIUM ON HEALTHCARE ROBOTICS

Wed, July 10, 2019

12:00 PM – 5:00 PM CEST

Alte Brauerei
Käfertaler Straße 162
68167 Mannheim



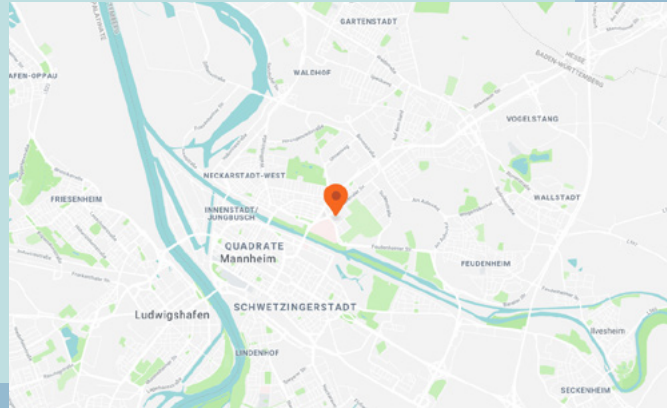
Program (preliminary)

12:00 PM – 5:00 PM

- | | |
|----------|---|
| 12:00 pm | The Future of Healthcare Robotics (Bart de Witte, futur.io) |
| 01:00 pm | Networking-Lunch |
| 02:00 pm | Automated Image Analysis with AI (Dr.-Ing. habil. Thomas Wittenberg Fraunhofer IIS) |
| 02:30 pm | A smart robotic platform to perform today's image-guided interventions with consistent precision and efficiency (Dr. Michael Vogeles, Interventional Systems) |
| 03:00 pm | Robotic Assisted Image Guided Therapies (Dr. Michael Kostrzewa, University Medical Center Mannheim) |
| 03:30 pm | Coffee break |
| 04:00 pm | AI Usage for Assisted Catheter Guidance (Prof. Jan Stallkamp, Fraunhofer IPA) |
| 04:30 pm | Intuitive Surgical: The daVinci approach to minimally invasive surgery (Dr. Joachim Haes, Intuitive Surgical) |
| 05:00 pm | End of symposium |

Location:

Alte Brauerei
Käfertaler Straße 162
68167 Mannheim



Registration:

Please register at
<https://www.eventbrite.de/e/symposium-on-healthcare-robotics-tickets-61858643869>

The registration fee is € 186,-.



About us:

Fraunhofer Project Group for Automation in Medicine and Biotechnology (PAMB)

The Fraunhofer-Gesellschaft undertakes applied research of direct utility to private and public enterprise and of wide benefit to society. Roughly two thirds of the Fraunhofer-Gesellschaft's contract research revenue is derived from contracts with industry and from publicly financed research projects.

The Fraunhofer Institute for Manufacturing Engineering and Automation (IPA) in Stuttgart works in the field of Research and Development of optimal solutions for the European production and automation industry. Around 1,000 people work for Fraunhofer IPA which makes it to one of the biggest institutes within the Fraunhofer-Gesellschaft with an annual revenue of 70 Million Euros.

The Department for Automation in Medicine and Biotechnology of Fraunhofer IPA was founded in 2011 at the campus of the University Medical Center Mannheim. The focus lies in digitalization and automation technologies in healthcare applications. The close cooperation with clinical disciplines in Mannheim and Europe results in efficient solutions for up-to-date medical applications. The most important projects are the national funded Forschungscampus M²OLIE and the EC funded Digital Innovation Hub – Healthcare Robotics. The newly funded Mannheim Medical Transfer Center (M²TC) allows the usage of an unique infrastructure for trainings, product developments and benchmarks.



Keynote speech by:
Bart de Witte

With over 20 years of global digital health experience in 26 countries, Bart de Witte has been involved in leading edge technologies and new IT businesses, including intimate involvement as a mentor in the formation and growth of a dozen startups within the healthcare sector. He is passionate about technology and data-driven transformation of healthcare systems, brings a wealth of experience and understands well the barriers for innovation in healthcare. During the last 5 years he has been focussing on the impact of AI in healthcare, both in his role as director for digital health at IBM, but as well as chair faculty for the recently founded European Institute for Exponential Technologies and Desirable Futures, futur.io. As an advocate of open knowledge in medicine, he has founded the Hippo AI Foundation in Switzerland, which is a NGO focussing to support Open Sourced Medical AI projects. Bart de Witte holds degrees from different universities in Belgium and has followed several other post-university tracks at national and international business schools, including Harvard Business School and Fontainebleau INSEAD. He is also a faculty member of the University of Applied Sciences in Business Administration Zurich on digital health and the University of Applied Science in Burgenland Austria, and the founder of the Austrian Quantified Self Organization.

REGIONAL INFORMATION DAY – DIGITAL INNOVATION HUB HEALTHCARE ROBOTICS (DIH-HERO)

Wed, July 10, 2019

8:30 AM – 11:45 AM CEST

Alte Brauerei
Käfertaler Straße 162
68167 Mannheim

**ADDITIONAL
PROGRAM IN THE
MORNING FOR
FREE**



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 825003.

Program

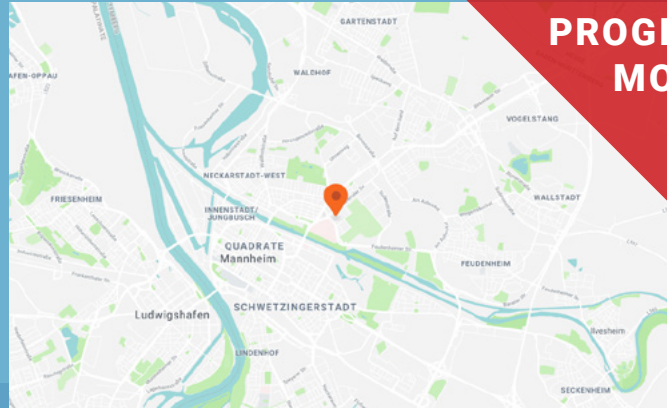
8:30 AM – 11:45 AM

**ADDITIONAL
PROGRAM IN THE
MORNING FOR
FREE**

- | | |
|----------|--|
| 08:30 am | Registration and Seating |
| 09:00 am | DIH HERO – Overview, Calls, Timelines (Rothfuss, Fraunhofer IPA) |
| 09:30 am | Baden-Württembergs Healthcare Ecosystem (Prof. Kindervater, BioPRO) |
| 10:00 am | Digital Innovation Hub imec (Dr. Van der Hulst, imec) |
| 10:30 am | Guided tours: M ² TC, MRT suite or TPMA (Rothfuss, Horsch, Dr. Bourdon) |
| 11:45 am | End of Regional Information Day |

Location:

Alte Brauerei
Käfertaler Straße 162
68167 Mannheim



**ADDITIONAL
PROGRAM IN THE
MORNING FOR
FREE**



Registration:

Please register at
<https://www.eventbrite.de/e/dih-hero-regional-information-day-tickets-61863303807>

The participation at the
„Regional Information Day“
is **FREE**.

**ADDITIONAL
PROGRAM IN THE
MORNING FOR
FREE**

About the **Digital Innovation Hub for Healthcare Robotics**

The Digital Innovation Hub for Healthcare Robotics (DIH-HERO - www.dih-hero.eu) is a pan-European innovation network created to stimulate and accelerate the adoption of healthcare robotics across the EU with an emphasis on supporting SMEs who are actively researching and developing these critical technologies.

The Horizon 2020 DIH-HERO project has been awarded 16 million euro by the European Commission and seventeen world-leading EU research organisations and universities are creating a sustainable pan-European innovation network for robotics innovators with this support.

With a focus on cross-border innovation for EU healthcare companies, DIH-HERO will offer 8 million euros spread over 3 years to financially support SMEs and their partners in the form of travel vouchers and open calls for experiments to accelerate the transfer of healthcare robotics technology developed in the EU to their intended markets.

To add value, DIH-HERO offers a range of services that are key to success in healthcare robotics. These services include technology brokerage, information on public and private funding, support for certification, testing, go-to-market planning and community knowledge-building.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 825003.