



**CONNECTED
HEALTHCARE
FORUM**

16-19 NOVEMBER 2015
DÜSSELDORF GERMANY

www.medica.de/MCHF1



PROGRAMM/ PROGRAMME

HALLE/HALL 15 C 24



Messe
Düsseldorf



„**Connected Healthcare**“ steht für die Vernetzung von Akteuren, Prozessen und Systemen im Healthcare-Bereich. Technologieinnovationen sind hierbei Treiber und Enabler für neue Herangehensweisen, welche die Medizin von morgen auf den Kopf stellen werden.

In den Vorträgen des MEDICA CONNECTED HEALTHCARE FORUM in Halle 15 werden neue Erkenntnisse, Technologien und Lösungen für die vernetzte und mobile Gesundheitsversorgung vorgestellt. Multinationale Unternehmen und innovative Start-ups zeigen, wie die vernetzte Zukunft aussehen wird.

Der Montagvormittag bis 14 Uhr gehört ganz dem Thema **Wearable Technologies in Healthcare**. Vom physiologischen Monitoring biometrischer Daten im kardiopulmonalen Bereich bis hin zum Monitoring von Stimmungsparametern werden hier die neusten Entwicklungen präsentiert: Wearables, Hearables, Smart Patches, Attachables.

Ab 14 Uhr geht es dann um **Connected Healthcare Systems**. Die Session startet mit einer Diskussion zentraler Akteure der IT-Healthcare zu den Fortschritten und Herausforderungen in der Vernetzung. Nach der Podiumsdiskussion werden dann vier Unternehmen Best Practices in Connected Healthcare präsentieren.

Der Dienstagvormittag umfasst die Bereiche **Telehealth** und **Robotics in Healthcare**. In der Eröffnungsk keynote werden Perspektiven von Telehealth für die Zukunft

vorgestellt, inklusive der Diskussion um die Frage des Vertrauens in virtuelle Betreuer in Pflege und Gesundheit. Ab 13 Uhr steht Robotik auf dem Programm und wie diese langzeiterkrankten Kindern ermöglicht, am Schulunterricht teilzunehmen und weiterhin mit den Mitschülern und Freunden in Kontakt zu sein.

Dienstagnachmittag und Mittwochvormittag gehören ganz den **Mobile Apps und Mobile Health**-Themen. Am Dienstagnachmittag werden u. a. die zehn innovativsten medizinischen Apps der **MEDICA App COMPETITION** vorgestellt und die beste App von der MEDICA prämiert.



Wearable Technologies in Healthcare stehen auch am Mittwoch im Fokus des Programms. Um 14 Uhr startet mit der Keynote „Wearable Disruption, a fix to Healthcare? – GoogleGlass and Beyond!“ der Nachmittag rund um tragbare Technologien.

Der abschließende Donnerstag widmet sich ganz dem Thema **Internet of Things in Healthcare**. Die Gesundheitsbranche wird sich durch das Internet der Dinge signifikant verändern. Wenn medizinische Geräte kabellos über das Internet miteinander kommunizieren können, wird das die Prozesse zum Wohle aller Beteiligten verbessern.



“**Connected Healthcare**” is the networking of players, processes and systems within the healthcare sector. Technology innovations are the drivers and enablers for new approaches that will revolutionize tomorrow’s medical world.

In the presentations of the MEDICA CONNECTED HEALTHCARE FORUM in hall 15, new insights, technologies and solutions for connected and mobile healthcare will be presented. Multinational enterprises and innovative start-ups will demonstrate the connected future.

The forum will start on Monday morning presenting the topic **Wearable Technologies in Healthcare**. The latest developments of physiological monitoring and biometric data in the cardiopulmonary area will be presented: Wearables, Hearables, Smart patches, Attachables.

The afternoon session deals with **Connected Healthcare Systems**. The session starts with a panel discussion of central players of the IT healthcare about the advancements and challenges in connected healthcare. After this discussion four companies will present best practices in this field.

Tuesday morning focusses on **Telehealth and Robotics in Healthcare**. In the opening keynote the perspectives of telehealth for the future will be presented as well as the question about trusting of virtual caretakers in care and health. From 01:00 p.m. on, robotics in healthcare will be

the main topic. How these robots enable seriously ill children to attend class and to stay in contact with classmates and friends is answered in this session.

Tuesday afternoon’s and Wednesday morning’s focus is on **Mobile Apps and Mobile Health**. Tuesday afternoon, ten of the most innovative “Healthcare Apps” of the **MEDICA App COMPETITION** will be in the spotlight and the best app will be awarded by MEDICA.



Wednesday afternoon will highlight **Wearable Technologies in Healthcare again**. At 02:00 p.m., the afternoon session includes everything around wearable technologies and starts with the keynote “Wearable Disruption, a fix to Healthcare? – GoogleGlass and Beyond!”.

The **Internet of Things in Healthcare** is the main topic of the final session on Thursday. The health industry will be changed significantly by the Internet of Things. If medical devices will be connected wirelessly through the internet and communicate with each other, the processes for all parties involved are improved.

MONDAY, 16 NOVEMBER 2015

11.00 a.m. – 02.00 p.m.

WEARABLE TECHNOLOGIES IN HEALTHCARE

moderated by Markus Mark, WT | Wearable Technologies AG

11.00 – 11.20 a.m.

Do we have enough information to reduce musculoskeletal disorders?



Jure Jemec
CEO, TMG-BMC

11.20 – 11.40 a.m.

Empowerment for weak and strong



Björn Weigel
Chairman of the Board, Bioservo Technologies AB

11.40 a.m. – 12.00 noon

Clinical applications of remote monitoring of body temperature for connected health



Jared Hawkins
Chief Scientist, Raiing Medical

12.00 noon – 12.20 p.m.

Between textiles and electronics: The do's and don'ts of getting in the game of electrotiles



Mikko Malmivaara
Manager Sales and Marketing, Clothing+

MONDAY, 16 NOVEMBER 2015

12.20 – 12.40 p.m.

Biometric wearables for professional applications



Sue Chuang
Co-founder, Rooti Labs

12.40 – 01.00 p.m.

Smart Clothing: the ultimate tie for physicians & patients



Dr. Chih-Cheng Lu
CTO, AiQ Smart Clothing

01.00 – 01.20 p.m.

Zensorium Being | Quantify your good stress from bad



Juliana Chua
Principal, Zensorium

01.20 – 01.40 p.m.

BodyTec – R&D network – Connecting science and industry



Kai Wellmann
Network Manager, BodyTec Network

01.40 – 02.00 p.m.

Turbo-charging heart health: Building medical devices you will actually want to use



Marco Peluso
CEO and Co-founder, Qardio

MONDAY, 16 NOVEMBER 2015

02.00 – 05.00 p.m.

CONNECTED HEALTHCARE SYSTEMS

moderated by Till Osswald, Cisco Healthcare

02.00 – 03.00 p.m.

Challenges and advancements in connected healthcare (Moderated Panel Discussion)



Thomas Olesen
Commercial Director, Qualcomm Life Europe



Martin Tiani
CEO, Tiani Spirit



Horst Merkle
President, Continua Health Alliance



Christian Stammel
Founder and CEO,
WT | Wearable Technologies Group



Martin Rüfenacht
Manager Healthcare, Cisco Systems



Declan Hadley
Health Informatics Director,
Lancashire NHS Foundation Trust

MONDAY, 16 NOVEMBER 2015

Best Practice in Connected Healthcare

03.00 – 03.30 p.m.

Nationwide Electronic Patient Record Vivates



Martin Rüfenacht
Manager Healthcare, Cisco Systems

03.30 – 04.00 p.m.

Unified Monitoring – One dashboard for IT infrastructure and medical environment



Sebastian Krüger
Channel Sales Manager, Paessler AG

04.00 – 04.30 p.m.

Connecting hospitals and schools



Till Osswald
Business Development Manager,
Cisco Healthcare

04.30 – 05.00 p.m.

Blueprint for Lancashire Patent Record Exchange Service (LPRES) for NHS



Declan Hadley
Health Informatics Director,
Lancashire NHS Foundation Trust

TUESDAY, 17 NOVEMBER 2015

11.00 a.m. – 02.00 p.m.

TELEHEALTH AND ROBOTICS IN HEALTHCARE

moderated by Matias Posio, Navispace AG

11.00 – 11.30 a.m.

Perspectives of telehealth and AAL for future care and cure:
can we really trust in a virtual caregiver?

Some health-economic statements



Prof. Dr. Jürgen Zerth
Professor for Health Economics
Wilhelm Loehe University for Applied Science

11.30 a.m. – 12.00 noon

Connecting hospitals – Networking infrastructure for telehealth



Heinz Behrens
Senior Network Consultant, AVAYA

12.00 noon – 12.30 p.m.

Powering the Internet of Medical Things



Carolyn Walsh
Sr. Director Product and Marketing,
Qualcomm Life

12.30 – 01.00 p.m.

Telemedicine for refugees: How to share patient data from
refugees across European member states



Andreas Jöchl
Healthcare Account Manager, Cisco Germany



Dr. med. Siegfried Jedamzik
CEO, Bavarian TelemedAllianz

TUESDAY, 17 NOVEMBER 2015

01.00 – 01.30 p.m.

Robotics and videogames for kids' health literacy
and edutainment



Alberto Sanna
Director of Research Center for Advanced
Technology in Health and Wellbeing,
Scientific Institute San Raffaele, Milan, Italy

01.30 – 02.00 p.m.

Avatar Kids – Soft skills connected



Philipp Mahler
CTO, Avatarion

02.00 – 05.00 p.m.

MOBILE HEALTH APPS

moderated by Mark Wächter, MobileMonday Germany

02.00 – 02.30 p.m.

How to market a sustainable medical app



Dr. Rich Kathib
CEO, Medopad

02.30 – 03.00 p.m.

How we will interact with medical apps on smart devices



Nico Wohlgemuth
Co-founder and Creative Lead, DAYONE

TUESDAY, 17 NOVEMBER 2015

03.00 – 03.30 p.m.

Medical apps and tools for your “Dignified Self”



Lilian Güntsche
CEO & Founder,
The Dignified Self & Güntsche Concepts

03.30 – 04.00 p.m.

4th MEDICA App COMPETITION



Mobile Strategy Consultant
MWC.mobi & Chairman,
MobileMonday Germany

04.00 – 04.30 p.m.

Live pitch of ten pre-selected medical apps
Live deliberation of the jury

04.30 – 05.00 p.m.

Tribute to the top three medical apps and award ceremony

05.15 – 06.15 p.m.

Get-together
MEDICA MEDICINE + SPORTS Conference

WEDNESDAY, 18 NOVEMBER 2015

11.00 a.m. – 02.00 p.m.

MOBILE HEALTH APPS

moderated by Mark Wächter, MobileMonday Germany

11.00 – 11.30 a.m.

From prevention to intervention: Medical-grade apps



Carolyn Walsh
Sr. Director Product and Marketing,
Qualcomm Life

11.30 – 12.00 noon

EU mHealth market conditions benchmarking 2015



Ralf-Gordon Jahns
MD, research2guidance

12.00 noon – 12.30 p.m.

Digital health: Investors' perspective



Levi Shapiro
Partner and Executive Director,
Veritas Ventures & mHealth Israel

12.30 – 01.00 p.m.

Digital health & health scoring on its way to the mobile consumer!



Peter Ohnemus
President and CEO, dacadoo

01.00 p.m. – 01.30 p.m.

Trustworthy health-apps – quality, security, transparency



Dr. med. Urs-Vito Albrecht
Head of PLRI MedAppLab

01.30 p.m. – 01.50 p.m.

Smart DI app – medical imaging anytime, anywhere



Yordan Iliev
CIO, National Oncology Hospital Bulgaria

01.50 p.m. – 02.00 p.m.

Design Study: Pain Assessment via Smartwatch & App



David Detzler
UX Manager, Lead Medical & Pharma Design
Ergosign

02.00 p.m. – 05.00 p.m.

WEARABLE TECHNOLOGIES IN HEALTHCARE

moderated by Markus Mark, WT | Wearable Technologies

02.00 p.m. – 02.40 p.m.

Wearable disruption, a fix to healthcare?

GoogleGlass and beyond!



Rafael J. Grossmann
MD, FACS

02.40 – 03.00 p.m.

Approval of wearables as medical devices



Markus Siebert
Product Specialist for Active Medical Devices,
TÜV SÜD

03.00 – 03.20 p.m.

Printed battery: enabling platform for connected health



Jouni Heinonen
Member of the Board, Enfucell

03.20 – 03.40 p.m.

The impact of body sensor technology on healthcare



Martina Donohue
Marketing Executive, Shimmer

03.40 – 04.00 p.m.

**iFeel SPORT, the connected sports' companion:
preparation, recovery and healing for athletes**



Christophe Bianchi
PhD, CEO, Feeligreen

04.00 – 04.20 p.m.

**Dealing with widespread diseases – Diabetes management
in the limelight of mobile health**



Stefan Schraps
CEO, BodyTel

04.20 p.m. – 04.40 p.m.

Patients untethered, the next generation of physiological monitoring



Mikael von Euw
CFO and Business Development, Biovotion

04.40 – 05.00 p.m.

Cloud Diagnostics® – Healthcare IT architecture for the 21st century



Robert Kaul
President and CEO, Cloud DX

11.00 a.m. – 02.00 p.m.

INTERNET OF THINGS IN HEALTHCARE

moderated by Dr. Sonja Sulzmaier, Navispace AG

11.00 – 11.25 a.m.

The Internet of Things in m-Health



Manfred Kube
Head of M2M Segment Marketing
Director Business Development Health,
Gernalto

11.25 – 11.50 a.m.

tba



Ed Kay
Developer Relations Manager, MediaTek Labs

11.50 a.m. – 12.15 p.m.

Analytics of Internet of Medical Things –
Adding silent intelligence to medical systems



Bhoopathi Rapolu
Head of Analytics – EMEA, Cyient

12.15 – 12.40 p.m.

Predictive maintenance in IoT scenarios: How to get there?



Thomas Hemmer
Chief Technology Officer, complement AG

12.40 – 01.05 p.m.

Frictionless telehealth from hospital to home and all points in between



Thomas Olesen
Commercial Director, Qualcomm Life Europe

01.05 – 01.30 p.m.

The evolution and challenges of the IoT



Rolf Leukel
Technical Sales Engineer, Telit

01.30 – 01.55 p.m.

**The future of Vital Sign Measurement – ARC Devices
non-touch connected solutions**



Irwin Gross
Chairman and CEO, ARC Devices

02.00 – 05.00 p.m.

INTERNET OF THINGS IN HEALTHCARE

moderated by Dr. Sonja Sulzmaier, Navispace AG

02.00 – 02.25 p.m.

**Smart textile cabinets – a new solution to optimize the
hospital linen process with RFID**



Martin Hartwigsen
Sales and Marketing Manager, deister electronic

02.25 – 02.50 p.m.

**iFit's smart wearables technology: instantaneous
reliable tracking of physical activity**



Ricard Delgado-Gonzalo
Senior R&D Engineer, CSEM

02.50 – 03.15 p.m.

OvulaRing connecting women health



Sebastian Alexander
CEO, Managing Partner and Founder,
VivoSensMedical GmbH

03.15 – 03.40 p.m.

Smartphone-based biosensors – testing without the laboratory



Dr. Dale Athey
CEO and Founder, OJ-Bio Ltd

03.40 – 04.05 p.m.

**Accessing structured information via Vitaly Health Portal –
The active role of patients in the healthcare ecosystem**



Vedran Boškic
Healthcare ICT consultant, Parsek

04.05 – 04.30 p.m.

**Pip – a digital health solution to assist with managing stress
and stress-related conditions**



Marie Clarke
Head of Marketing, Galvanic

04.30 – 04.55 p.m.

Bimeo – intuitive and rewarding arm rehabilitation



Aleš Hribar
CEO, Kinestica

DATEN UND FAKTEN

Termin und Öffnungszeiten

16 – 19 November 2015,
Montag – Donnerstag von 10.00 bis 18.30 Uhr

Tickets und Preise

Anfang August 2015 öffnet der MEDICA-Online-Shop:
www.medica.de/1130



* Ihr eTicket berechtigt zur kostenlosen Hin- und Rückfahrt zum und vom Messegelände am Tage des Messebesuchs mit allen Verkehrsmitteln des VRR in der Preisstufe D, Region Süd, und des VRS (DB 2. Klasse, nur zuschlagfreie Züge).

Tageskarte im Online-Vorverkauf (eTicket):	20,00 €
Tageskasse:	60,00 €

4-Tageskarte im Online-Vorverkauf (eTicket):	69,00 €
Tageskasse:	159,00 €

Tageskarte für Studenten, Schüler, Auszubildende, Schwerbehinderte, Rentner, freiwillige Wehrdienstleistende und Bundesfreiwilligendienstleistende	20,00 €
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Preise zu den Konferenzen finden Sie unter www.medica.de/1130

Katalog

Katalog (zzgl. Versandkosten): 23,00 €
zu bestellen bei katalogorder@sutter.de
oder ohne Versandkosten erhältlich als Katalog-
gutschein unter www.medica.de/1130

Reise und Unterkunft

Düsseldorf Marketing & Tourismus GmbH
<http://business.duesseldorf-tourismus.de/messe/medica/>



DATES AND FACTS

Dates and opening times

16 – 19 November 2015,
Monday – Thursday from 10.00 a.m. to 6.30 p.m.

Tickets and prices

The MEDICA-Onlineshop opens at August 2015:
www.medica.de/2130



* Your eTicket entitles you to free travel to and from the exhibition grounds on the day of your trade fair visit using all the means of VRR public transport, in the price category D, region South, and VRS (DB/German Railway – 2nd class, supplement-free trains only).

4-day ticket via pre-sale (eTicket):	20.00 €
On site at the cash desk:	60.00 €

4-day ticket via pre-sale (eTicket):	69.00 €
On site at the cash desk:	159.00 €

Day ticket for students, pupils, apprentices, people with disability, pensioners:	20.00 €
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Prices for the conferences can be found at www.medica.de/2130

Catalogue

Catalogue (plus delivery costs): 23.00 €
Order by email to katalogorder@sutter.de
Also available as catalogue voucher
with free shipping at www.medica.de/2130

Travel and accommodation

Düsseldorf Marketing & Tourismus GmbH
<http://business.duesseldorf-tourismus.de/en/fair/medica/>



GELÄNDEPLAN/SITE PLAN





Zum Besuch der MEDICA/COMPAMED-Fachmesse ist eine Online-Registrierung erforderlich! In der Messe-Eintrittskarte der MEDICA/COMPAMED ist der Zugang zu allen MEDICA/COMPAMED-Foren enthalten. Die Foren finden in den Messehallen statt.

Die Teilnahme an den MEDICA-Konferenzen, die im Congress Center Düsseldorf (CCD Süd) außerhalb der Messehallen stattfinden, ist kostenpflichtig und bedarf der separaten Ticket-Bestellung bzw. Registrierung. In einer Konferenz-Eintrittskarte ist der Besuch zur MEDICA/COMPAMED-Fachmesse sowie zu allen MEDICA/COMPAMED-Foren enthalten.

Infos unter: www.medica.de/1130

It is necessary to register online to visit the MEDICA/COMPAMED trade fair! Entrance to all MEDICA/COMPAMED forums is included in the MEDICA/COMPAMED trade fair admission ticket. The forums are going to take place in the trade fair halls.

Participation in the MEDICA conferences, which are taking place outside of the trade fair halls at the Congress Center Düsseldorf (CCD Süd), is subject to a charge. Ordering tickets and registration have to done separately. Admission to the MEDICA/COMPAMED trade fair as well as all the MEDICA/COMPAMED forums are including in the conference admission ticket.

Information available at: www.medica.de/2130