

Medtec-SUMMIT

FEBRUARY 18-19, 2025 | NUREMBERG

HEALTH
CARE



For Innovators. For Leaders. For YOU.



Nürnberg, Germany 2025
MedtecLIVE
Innovation Expo

On behalf
Bavarian Ministry of Economic Affairs,
Regional Development and Energy





Ladies and Gentlemen,
The healthcare industry is a key driver of employment and growth in Bavaria and beyond. Medtech advances, especially the rapid development of artificial intelligence, are unlocking huge potential for innovation. I warmly invite you to the international MedtecSUMMIT Congress organised by the State Ministry of Economic Affairs, Regional Development and Energy. This congress is one of the most important platforms in the healthcare industry, enabling you to find out more about technology trends and network with experts from innovative companies.
I look forward to your participation and wish you an inspiring dialogue and successful networking!

Tobias Gotthard
State Secretary at the Bavarian State Ministry of Economic Affairs, Regional Development and Energy



Ladies and Gentlemen,
More than ever, the realization of innovations in the healthcare industry requires networked thinking and working across disciplines. The international congress MedtecSUMMIT 2025 focuses on the transfer from idea to innovation and sets accents in the fields of robotics, biomaterials as well as digitization and artificial intelligence. The wide range of topics opens up a variety of opportunities for all actors along the entire value chain to discuss current trends, opportunities and challenges.
We are pleased to welcome you today and are convinced that we will experience a future-oriented exchange. Bayern Innovativ accompanies you on your path in which every viable idea and technology becomes an innovation.

Dr. Rainer Seßner
CEO at Bayern Innovativ GmbH



Dr. Jörg Traub
Head of Health at Bayern Innovativ GmbH

FLOOR PLAN



MEDTECLIVE INNOVATION EXPO

- 1: velixX
- 2: STÜKEN MEDICAL
- 3: GBA Medical Device Services
- 4: Metecon
- 6: seleon
- 7: Accumold
- 9: GBN Systems
- 10: Curtiss-Wright Surface Technologies
- 11: evosoft
- 12: TÜV Rheinland
- 13: JÜKE Systemtechnik
- 14: MEDIPACK
- 15: Gindele
- 16: be-on-quality
- 18: Solectrix
- 19: softgate
- 22: acad group
- 23: F&W Frey und Winkler
- 24: Cicor
- 25: senetics healthcare group
- 26: MedtecLIVE | Meeting Point Guided Tours**
- 27: MedtecSUMMIT Infopoint | Bayern Innovativ**
- 28: Partner Lounge Health at Bayern Innovativ**
- 29: Quantilight
- 30: FORTEC GROUP
- 31: Networking Tables MedtecSUMMIT**
- 32: VDMA HealthTech
VDWF Verband Deutscher Werkzeug- und Formenbauer

Nürnberg, Germany 2025

MedtecLIVE
Innovation Expo

	MAIN STAGE KLEINER SAAL	FOCUS STAGE RAUM 7	NETWORKING AREA RAUM 6 & INNOVATION EXPO FOYER	MAIN STAGE KLEINER SAAL	FOCUS STAGE RAUM 7	NETWORKING AREA RAUM 6 & INNOVATION EXPO FOYER
	Medtech Innovation: From the Idea to Sustainable Market Success	Technology that Drives Medtech Innovation		Technology and Processes that Enable Medtech Innovation	Infrastructure and Environments Driving Medtech Innovation	
09:30 – 09:45	Welcoming (Networking Area)		Guided Tour (09:15 – 9:45)	Welcoming (Networking Area)		Guided Tour (09:15 – 9:45)
10:00 – 12:00	Success Factors for Market Access and Ecosystems Supporting Medtech Innovation	AI and Robotics – How to Overcome Challenges in Translating an Idea into a Medically Usable Solution for Clinical Routine		Artificial Intelligence – Opportunities, Use Cases and Return of Invest	Emerging Green Materials: Opportunities and Challenges for a Circular Economy in Healthcare	
12:00 – 13:00	Lunch Break		Industry Pitches & Poster Exhibition/ Networking Tables + Guided Tour (12:15 – 12:45)	Lunch Break		Industry Pitches & Poster Exhibition/ Networking Tables + Guided Tour (12:15 – 12:45)
13:00 – 15:00	“Hello, Tomorrow!” – Healthtech Start-up Pitch Contest	From Lab to Clinic: Biomaterials in the Tension Between Innovation and Regulation		Use of Health Data – How to Facilitate the Use of Big Data	Connecting the Dots in Hospitals and OR: The Next “Big Bang”?	
15:00 – 15:30	Coffee Break		Industry Pitches & Poster Exhibition/ Networking Tables	Coffee Break		Industry Pitches & Poster Exhibition/ Networking Tables
15:30 – 17:00	Funding & Finance in Medtech: The Magic of a Perfect Match	Smart Sensors and Implants: A New Era in Patient Monitoring and Treatment		Pathway for Regulatory Approval of Artificial Intelligence in Medtech	Digital Innovations in Medtech	
17:00 – 17:30	Get Together – Networking			Get Together – Networking		
19:00 – 21:30	State Reception and Start-up Contest Award Ceremony – Imperial Castle of Nuremberg					



10:00 - 12:00

Success Factors for Market Access and Ecosystems Supporting Medtech Innovation

Moderator: Marina Leonie Moskvina, M.L.M. – Hospital Consulting & Coaching

Welcome to MedtecSUMMIT 2025Dr. Rainer Sessner, Bayern Innovativ
Dr. Jörg Traub, Bayern Innovativ**Medtech Innovation Landscape in Bavaria**

MDirig Dr. Manfred Wolter, Bavarian State Ministry of Economic Affairs, Regional Development and Energy

Industrial Health Economy in Bavaria

MR Dr. Florian Pfister, Bavarian State Ministry of Health, Care and Prevention

We like to be the World's First User! How we Implement Innovative Medtech Solutions in Clinical Practice

Dr. Stefanie Corradini, LMU München

Start-up Perspective for Market Access and the TUM Venture Lab Ecosystem

Maria Sievert, TUM Venture Lab Healthcare

Scale Up Perspective in Tomographic Ultrasound – Going International

Robert Bauer, piur imaging

Panel Discussion

13:00 - 15:00

“Hello, Tomorrow!” – Healthtech Start-up Pitch Contest

Moderator: Jiskia Reis, EIT Health

Keynote: Investment in Medtech – A Heat Map of Opportunities

Hannes Kemper, SHS Gesellschaft für Beteiligungsmanagement

Start-up Pitches

15:30 - 17:00

Funding & Finance: The Magic of a Perfect Match

Moderator: Catherine Schreiber, Spirit X Solutions

Pre-Seed-PhaseMartin Müller, CARMA FUND Management
Dr. Jannik Lockl, inContAlert**Seed-Phase**Jan Engels, High-Tech Gründerfonds Management
Thomas Hoffmann, RAYDIAX**Seed-Phase**Dr. Marc Becker, Labor Becker MVZ
Maros Mastrak, Physikit**Growth-Phase**

Hannes Kemper, SHS Gesellschaft für Beteiligungsmanagement

SHS-Portfolio-Start-up

tba

10:00 - 12:00

AI and Robotics – How to Overcome Challenges in Translating an Idea into an Medically Usable Solution for Clinical Routine

Moderator: Prof. Dr. Franziska Mathis-Ullrich, FAU Erlangen-Nürnberg

Keynote: Success Factors of Successful Cooperations to Shape Future Products

Prof. Dr. Konrad Karcz, Klinikum Nürnberg

How to Meet the Need?

Prof. Dr. Dirk Wilhelm, TU München

Clinical Cooperation: When, How or at All?

Dr. Wolfgang Wein, ImFusion

Best Practice: From Research to Reality – We Made it! – AKTORmed

Robert Geiger, AKTORmed

Framework for Innovation and Cooperation

Dr. Stefanie Demirci, VDI/VDE Innovation + Technik

Panel Discussion

13:00 - 15:00

From Lab to Clinic: Biomaterials in the Tension Between Innovation and RegulationModerators: Dipl.-Biol. Daniel Seitz, BioMed Center Innovation;
Dr. Harald Unterweger, Bayern Innovativ**Biomaterials in the Modern World of AM and AI – The Underestimated Base of Medical Matter**

Dipl.-Biol. Daniel Seitz, BioMed Center Innovation

In Vitro Testing for Biocompatibility According to ISO 10993

Dr. Katrin Sulzer, senetics healthcare group

In Vitro Testing Part II: Antimicrobial Tests

Johanna Dittmann, QualityLabs BT

Current Challenges in Preclinical Research and Development of Biomaterials

PD Dr. Janin Reifenrath, Medizinische Hochschule Hannover

Biomaterials in Clinical Translation: Opportunities and Challenges in Bridging Innovation from Lab to Patient Care

Dr. Markus Laubach, LMU Klinikum München

The Transition to the MDR from the Perspective of a Manufacturer

Dr. Frank Heidenau, BioCer Entwicklungs-GmbH

Panel Discussion

15:30 - 17:00

Smart Sensors and Implants: A New Era in Patient Monitoring and Treatment

Moderator: Marco Wendel, Medical Valley

Get a Grip! Grasp Neuroprostheses for Individual with High Spinal Cord Injury

Prof. Dr. Rüdiger Rupp, Universitätsklinikum Heidelberg

Resorbable Electronic Devices Based on Organic Semiconductors

Prof. Dr. Karl Leo, TU Dresden

Monitoring Fracture Healing – From Bench to Bedside

Manuela Ernst, Research Institute Davos

Smart Implants in Eye Care

Max G. Ostermeier, Implants Ophthalmic Products

Panel Discussion

10:00 - 12:00

Artificial Intelligence – Opportunities, Use Cases and Return of Invest

Moderator: Dr. Lena Eschenbach, MedTank

Return of Investment in Medical AI – the Investor’s Perspective

Dr. Jörg Stein, M&P Consulting

Enabling Technologies for AI in Healthcare: Medical Devices and Digital Health Applications

Dr. Visa Suomi, MathWorks

Regulatory and Reimbursement Pathways of Medical AI Products

Dr. Justus Wolff, Syte Institut

AI for Therapy Optimization – Challenges in Regulation – Opportunities in Reimbursement

Manuel Opitz, DeepEye

AI Solutions for Ophthalmology

Dr. Georgy Shakirin, Carl Zeiss Medtech

AI Driven Patient Management

Erik Isusquiza, ULMA Medical Technologies

Panel Discussion

13:00 - 15:00

Use of Health Data – How to Facilitate the Use of Big Data

Moderator: Rebekka Kiser, Technische Universität München

Pitches: Winner of Healthcare Hackathon Bayern 2024

EHDS –What is it and what can we expect from it?

MR Dr. Georg Münzenrieder, Bavarian State Ministry of Health, Care and Prevention

GAIA-X – Data Platform for Patient Centric Data Use

PD Dr. Hanna Hübner, Universitätsklinikum Erlangen

ePA for all – Benefits through Connected Health

Celil Genç, gematik

Use of Patient Data for Research of Novel Personalized Medicine

Dr. Franziska Braun, Roche

Panel Discussion

15:30 - 17:00

Pathway for Regulatory Approval of Artificial Intelligence in Medtech

Moderator: Prof. Dr. Martin Haimerl, Hochschule Furtwangen

The European AI Act in a Nutshell

Thorsten Stumpf, metecon

From Policy to Practice: A Hands-on Approach to Combine MDR and AI Act

Leon Kobinger, CertHub

Navigating Regulations: Practical Insights on AI in Radiology

Dr. Julia Moosbauer, deepc

Translation and Digital Health Applications: Regulatory Issues, Artificial Intelligence and Other Stumbling Blocks

Prof. Dr. Rüdiger Pryss, Universitätsklinikum Würzburg

Panel Discussion

10:00 - 12:00

Emerging Green Materials: Opportunities and Challenges for a Circular Economy in Healthcare

Moderator: Dr. Stefanie Dukorn, numares

The Alliance for Sustainable Medical Technology – the Story so far

Sarah Triller, BioPro Baden-Württemberg

The KOMATRA Project

Prof. Dr. Matthias Rohs, Rheinlandpfalz-Pfälzische Technische Universität Kaiserslautern-Landau

Material Compliance – Constant Change Permanently Under Control

Julian Rudat, seleon

Enhancing Circularity in Pharmaceutical Packaging: The Case of Tubular Pharma Glass Recycling

Marius Amschler, SCHOTT

Dr. Claus-Jürgen Maier, Sanofi-Aventis Deutschland

How Product Life Cycle Material Choice Influence Circularity

Dr.-Ing. Julian Lotz, BIOVOX

Panel Discussion

13:00 - 15:00

Connecting the Dots in Hospitals and OR: The Next “Big Bang”?

Moderator: Prof. Dr. Thomas A. Schildhauer, BG Universitätsklinikum Bergmannsheil Bochum

Connectivity in OR

Fabian Günther, softgate

Digital Assistants, Connected Teams, Superior Performance

Philipp Wolff, Sqior

The Use of Clinical Data for Better Surgery Outcome

Dr. Christian Heiliger, LMU Klinikum Großhadern

Connected Digital Processes in the OR that Incorporate Preoperative and Postoperative Information

Prof. Dr.-Ing. Armin Schneider, Jade Hochschule

Legal Perspective of Connected Medical Devices

Jutta Dillschneider, PwC Deutschland

Panel Discussion

15:30 - 17:00

Digital Innovations in Medtech

Moderator: tba

Innovative Digital Patient Pathway

Anna Bauer-Mehren, Roche

Innovative Digital Care

Prof. Dr. Sefanie Scholz, SRH University – Campus Fuerth

EDIH DigiCare Health-Trendradar – Digitalization in German Healthcare**Panel Discussion**

09:00 – 10:00

Guided Tour Innovation Expo

12:00 – 12:30

Networking Tables

- Market Access & Reimbursement – Meet the Experts
- Clinical Robotics – Speakers' Corner

15:00 – 15:30

Networking Table

Biomaterials Working Group

Poster Exhibition (in front of the Networking Area)

Translation Projects – in Search of Market Opportunities,
Funding Opportunities and Financing



09:00 – 10:00

Guided Tour Innovation Expo

12:00 – 12:30

Networking Tables

- Circular Economy in Healthcare – Meet the Experts
- AI and its Regulatory Framework – Speakers' Corner

15:00 – 15:30

Networking Table

ePA for all

Poster Exhibition (in front of the Networking Area)

Translation Projects – in Search of Market Opportunities,
Funding Opportunities and Financing

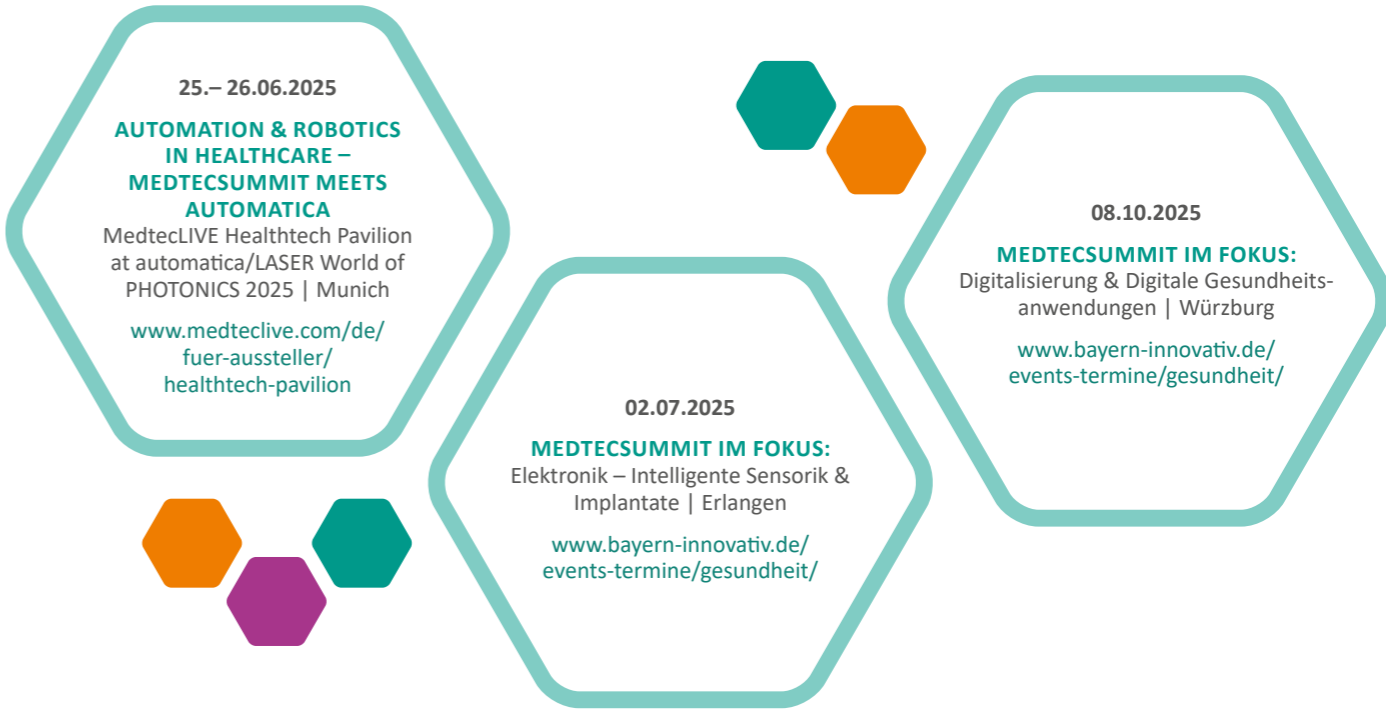
FOR COOPERATION:



FOR SPONSORING:



FOR MEDIA APPLICATION:



The background is a dark teal color with a complex, repeating pattern of interlocking gears and mechanical components. The gears are rendered in various shades of teal, creating a sense of depth and movement. The overall aesthetic is technical and modern.

HAVE AN INSPIRING SUMMIT!

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