



OPEN EHR IN

DIGITAL HEALTH

WELCOME TO THE

HiGHmed
SYMPOSIUM

2025

Dear guests and esteemed colleagues,

we are delighted to welcome you to the 3rd HiGHmed Symposium, focused on "openEHR – Meeting Today's Needs, Driving Tomorrow's Innovations." After the tremendous success of our previous events, we are excited to once again bring together a distinguished and diverse group of speakers and participants to support and expand the transformative potential of openEHR in healthcare.

This symposium is made to facilitate a dynamic exchange of knowledge, ideas, and experiences, drawing upon the expertise of leading professionals in interoperability in Digital Health. We are honored to welcome several experts from healthcare, medical research and industry, whose insights and perspectives will spark stimulating discussions and deepen our understanding of the challenges and opportunities ahead.

Our topic highlights our dual commitment: addressing the urgent needs of today's healthcare systems while pioneering the innovations that will shape the future. In an era where data interoperability and digital health solutions are crucial, openEHR stands at the forefront of these advancements, offering a robust framework for the secure, efficient, and meaningful processing of health data.

We encourage you to engage actively, share your insights, and to build up new connections. This platform is not only a venue for learning but also for collaboration, where we can collectively drive forward innovations to enhance patient care and improve healthcare systems worldwide.

Thank you for joining us at the HiGHmed openEHR Symposium. Let's seize this opportunity to inspire, challenge, and support one another in our shared mission to advance the field of digital health.

Sincerely,



Prof. Dr. Roland Eils
(HiGHmed Coordinator)



Stefan Becker
(Managing Director HiGHmed e.V.)



HiGHmed aims to build data integration centers at clinical locations, that will allow data, information and knowledge from healthcare and medical research to be linked across sites. To achieve this, HiGHmed strictly relies on open information infrastructures and interoperability standards for efficient data processing.

HiGHmed e.V., based in Heidelberg/Germany, was founded within the HiGHmed project as an independent legal association and is supported by 14 leading centers of (university) medicine in Germany. The main focus of the association's activities includes the exploitation and dissemination of HiGHmed's main project results, the acquisition and integration of new clinical partners into the network and the independent conduction of research projects in this context. The association also builds up sustainable and interdisciplinary cooperations with institutions and individuals from industry, science and government organizations and therefore aims to support a public discussion and dissemination of developments in these areas.

SESSION | 1

Synergies of openEHR and HL7 FHIR for
Developing the Healthcare System

- 9:30 am** **Prof. Dr. Roland Eils**
(HiGHmed Coordinator Chairman of the Management Board HiGHmed e.V. University Hospital Heidelberg Berlin Institute of Health at Charité)
Opening and introduction
- Prof. Dr. Heyo K. Kroemer**
(Chairman of the Board Charité University Medicine Berlin)
Welcome Speech
- 09:45 – 10:00 am** **Prof. Rachel Dunscombe**
(CEO openEHR International)
„openEHR – looking to the future“
- 10:05 – 10:20 am** **Grahame Grieve**
(HL7's Product Director for FHIR)
„FHIR – interoperability between everyone“
- 10:25 – 10:40 am** **Dr. Sidharth Ramesh**
(Founder and CEO Medblocks)
„The Holy Grail: Bidirectional Integration between openEHR and FHIR“
- 10:45 – 11:05 am** **Short Discussion**
- 11:10 – 11:30 am** **Coffee Break**

SPEAKERS: FIRST SESSION

Dialogue on how openEHR and HL7 FHIR can address today's healthcare challenges while paving the way for future technological innovations, such as data interoperability, patient care management, and system integration.



Prof. Rachel Dunscombe
(CEO openEHR International)

Prof. Rachel Dunscombe, former NHS Digital Academy leader, Visiting Professor at Imperial College, and UK AI Council member, helped Salford/NCA Group become the NHS's most digitally mature organization in 2017. She will share insights on digital healthcare leadership.



Grahame Grieve
(HL7's Product Director for FHIR)

Grahame Grieve, creator of global interoperability solutions, has worked with national programs worldwide. As leader of the FHIR community, he advances healthcare data exchange and shapes the future of interoperability.



Dr. Sidharth Ramesh
(Founder and CEO Medblocks)

Sidharth Ramesh develops solutions with openEHR and FHIR, advocating for sustainable health data platforms. As part of the SEC Expert Panel, he drives SMART on openEHR integration and FHIR mapping efforts.

SESSION | 2

The Impact of openEHR in Clinical Environments:
Success Stories and Transformative Outcomes

- 11:30 – 11:45 am** **Dr. Amanda Herbrand**
(*Universitätsspital Basel*)
„Data Driven Hospital“
- 11:50 am – 12:05 pm** **Erik Sundvall**
Claudia Ehrentraut
(*Karolinska Universitetssjukhuset*)
„Experiences and examples of using openEHR at
Karolinska University Hospital“
- 12:10 – 12:25 pm** **Timur Kaya**
(*Head of Digitalisation & IT*
Kreiskliniken Dillingen-Wertingen gGmbH)
„Breaking Barriers: Implementing an openEHR-
based Vendor-Neutral Platform for Structured
Data Management in a Non-University Hospital“
- 12:30 – 12:50 pm** **Short Discussion**
- 12:55 – 13:45 pm** **Lunch Break**

SPEAKERS: SECOND SESSION

The introduction of openEHR into clinical settings has proven transformative in many healthcare systems around the world. Focusing on success stories where openEHR has been implemented can provide valuable insights into its benefits, challenges, and best practices for healthcare professionals, administrators and IT specialists.



Dr. Amanda Herbrand
(*Universitätsspital Basel*)

Is practicing since 2018 and holding a 2019 doctorate, started as a Clinical Research Fellow at Universitätsspital Basel. Since 2021, she leads a clinical data modeling team, driving her vision of a data-driven hospital using openEHR.



Erik Sundvall
(*Karolinska Universitetssjukhuset*)

Erik Sundvall, an information architect at Karolinska University Hospital, also teaches and researches at Linköping University and Karolinska Institutet. His Ph.D. on EHR scalability and openEHR REST APIs influenced standards and implementations. He is a member of the openEHR Specification Editorial Committee.



Claudia Ehrentraut
(*Karolinska Universitetssjukhuset*)

Claudia Ehrentraut, an information architect at Karolinska University Hospital, has 10 years of experience in healthcare informatics in Sweden. She specializes in system integrations and clinical standards like openEHR and FHIR, coordinating multiple modeling projects.



Timur Kaya
(*Head of Digitalisation & IT Kreiskliniken Dillingen-Wertingen gGmbH*)

With 17+ years in hospital IT, he specializes in healthcare infrastructure, security, and data-driven solutions. He has led digital transformation projects under the Hospital Future Act (KHZG), advancing interoperability and optimization. Timur shares how openEHR-based CDR will transform healthcare digitalization.

SESSION | 3

HiGHmed and the Future of Digital Health

- 13:45 – 14:00 pm** **Prof. Dr. Antje Wulff**
*(Professor for „Big Data in Medicine“
 Carl von Ossietzky Universität Oldenburg)*
 „openEHR in HiGHmed – Experiences
 from a Modelling Journey“
- 14:05 – 14:20 pm** **Severin Kohler**
(Health Informatician Berlin Institute of Health at Charité)
 „The future proof Clinical Data Repository:
 Bridging the gap between FHIR, OMOP and
 openEHR“
- 14:25 – 14:45 pm** **Stefan Becker**
Dr. Mathias Göschl
Dirk Rossbach
(HiGHmed e.V.)
 „HiGHmed – An Open Plattform Approach Unfolds“
- 14:50 – 15:10 pm** **Short Discussion**

SPEAKERS: THIRD SESSION

HiGHmed drives progress in digital healthcare as a key player in the openEHR community, advancing interoperable health data platforms and standards like FHIR and OMOP.

Our experts share insights into HiGHmed's role in developing and implementing these standards. Join us to explore future healthcare innovations and HiGHmed's contributions.



Prof. Dr. Antje Wulff
*(Professor for „Big Data in Medicine“
 Carl von Ossietzky Universität Oldenburg)*

Prof. Dr. Antje Wulff, with experience in IT project management at IBM and a German health insurer, earned her Ph.D. in 2021 on decision-support for intensive care. She focuses on medical data integration and interoperability, driving advancements in personalized medicine and clinical decision-support.



Severin Kohler
(Health Informatician Berlin Institute of Health at Charité)

Severin Kohler, a health informatician at HiGHmed, specializes in data interoperability and healthcare standards. His work bridges gaps between systems, including OHDSI OMOP CDM, advancing health information exchange solutions.



Stefan Becker
(Managing Director HiGHmed e.V.)

Stefan Becker leads HiGHmed e.V., uniting 14 medical centers to improve digital access to patient data. With a business informatics background, he transitioned from finance to healthcare IT and has driven HiGHmed's growth since 2019.



Dr. Mathias Göschl
(Senior Projektmanager Digital Health HiGHmed e.V.)

Dr. Mathias Göschl, physicist and certified coach, has 25+ years of experience in biomedical IT. He pioneered bioinformatics in genomics, contributed to German telematics, and advanced eHealth solutions with oncology-focused innovations.



Dirk Rossbach
(Platform Manager Digital Health HiGHmed e.V.)

Dirk Rossbach has a background in software development and extensive experience in healthcare-related projects, where he gained deep expertise in electronic healthcare. He now works as a Technical Project Manager at HiGHmed, driving innovative solutions to advance healthcare technology and interoperability.

SESSION | 4

openEHR and Business – Benefits and Future Developments

Open data ecosystems present significant investment opportunities, especially in healthcare, while the public sector depends on these investments to foster innovation. Viable business models are essential for openEHR's success. This session explores incentives, barriers, and ways to connect both sectors.

- 15:15 – 15:50 pm** **Panel Discussion**
 „openEHR in Germany: What are the benefits of open healthcare data platforms, why is it worth investing in, and what is its future direction?“
- 15:55 pm** **Prof. Dr. Roland Eils**
 Summary of the Day and Farewell
- 16:00 pm** **End of the Event**

PODIUM SPEAKERS



Delia Strunz

(Director of Government Affairs & Policy Germany Johnson & Johnson)

Delia Strunz focuses on data and digital health policy, with expertise in public affairs and an MBA in Leadership. She champions digital innovation to enhance patient care and healthcare delivery. Her work drives collaboration between policy and healthcare providers.



Bernhard Geist

(Principal Business Development Amazon Web Services)

Bernhard Geist oversees EHRs across EMEA, bringing decades of experience in clinical informatics and hospital systems. He founded med-tech companies and led innovations in next-gen solutions. In his free time, he builds energy-efficient IoT devices.



Dr. Nina Bougatf

(Senior Business Development Manager HIS CompuGroup Medical – CGM)

Dr. Nina Bougatf specializes in clinical data reuse and next-gen hospital information systems. Previously, at Heidelberg University Hospital, she led oncology IT projects in openEHR and FHIR, advancing interoperability and research. She is a mentor and advocate for women in healthcare leadership.



Dr. Michael Dahlweid

(Global Product Leader Dedalus)

Dr. Michael Dahlweid combines medical expertise with digital innovation to transform healthcare IT. He focuses on AI and clinical decision-making, addressing frontline challenges with advanced solutions. His work bridges medical practice and digital potential.



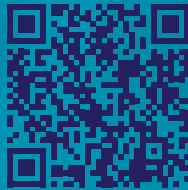
Prof. Dr. Antje Wulff

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