



**Prof. Dr. habil. Bernd Blobel, FACMI, FACHI,
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Bernd Blobel was and is still engaged in basic and applied research on EHR, security, privacy, eHealth architectures, interoperability, personalized medicine, telemedicine and biomedical engineering, translational medicine, formal languages, knowledge representation and management as well as ontologies. He was engaged in the EHR and eHealth programs of many countries including Austria, Australia, Canada, Colombia, Denmark, Finland, Ireland, Malaysia, Norway, Peru, Syria, Taiwan, USA, etc. He was and is still engaged in PhD and PostDoc studies at renowned university around the world. Furthermore, he acted and still acts as SPC Chair and Keynote Speaker of international conferences. He is Editorial Board Member of important international journals.

Higher Education

Entering the Magdeburg Institute of Technology (nowadays University of Magdeburg) in 1964 in a highly selective process as Member of the first Special Class for Mathematics, Bernd Blobel studied natural sciences, electrical engineering and cybernetics, theoretical medicine, informatics and medical informatics at the universities in Magdeburg, Halle, Berlin, Leipzig and Dresden. He received university degrees and certificates in electronics (1971), informatics (1971), bio-cybernetics (1974), theoretical physics (1975), biometry and medical informatics (1985), educational theory (1989). He earned a PhD in Physics at the University of Magdeburg with a revolutionary thesis "About the mechanism of information processing and energy transformation in bio-receptors – a general and membrane structure related transducer model" (1976) , a Habilitation (qualification as a university lecturer) in Environmental Medicine at the Medical University Magdeburg with a postdoctoral thesis "Implications of physical environmental factors on health" (1981) as well as a Habilitation in Medical Informatics at the University of Magdeburg with a postdoctoral thesis "Analysis and Design for Secure and Interoperable Distributed Health Information Systems" (2001).

Positions:

Bernd Blobel started his professional life as Head of the Laboratory of Environmental Medicine (1974-81), was appointed as Chief Information Officer (CIO) (1974-2004), became Founder and Head of the Medical Informatics Group (1981-87), Founding Head of Medical Informatics Department, Deputy Director / Acting Director of the Institute for Biometry and Medical Informatics at the Medical University Magdeburg (later on University of Magdeburg, Medical Faculty) (1987-2004). Thereafter he moved as Founder and Head of the Health Telematics Group to the Fraunhofer Institute Integrated Circuits in Erlangen (2004-06). From 2006 until his retirement in 2012 he served as Founder and Head of the German National eHealth Competence Centre (eHCC) at the University Hospital Regensburg (University of Regensburg, Medical Faculty).

International Activities:

Co-Founder and long-term Vice-Chair/Chair of HL7 Germany (1993-2012)

Co-Chair, Security WG at Object Management Group (OMG) (1996-2001),

Co-Chair of the Working Groups "Security" and "Personnel Management" as well as of the International Council at HL7 International (1997-2014),

Co-Chair, Healthcare Chapter, IFIP/Unesco World IT Forum (WITFOR) (2001-04)

Chair, CEN/ISSS eHealth Standardization Focus Group, Brussels, Belgium (2004-06)

Vice-Chair/Chair, Working Group "Security, Safety and Ethics" (1997-2014), Chair, Working Group "EHR" (2000-14), and Member of the Council of the European Federation for Medical Informatics (EFMI).

Vice-Chair Working Group "Security in Health Information Systems" (1998-2004) and Member of the IMIA General Assembly (2004-06) at the International Medical Informatics Association (IMIA)

Honors:

Fellow of the American College for Medical Informatics (ACMI) (2004), Fellow of HL7 International (2010), Fellow of the Australasian College of Health Informatics (ACHI) (2011), EFMI Honorary Fellow (2015), Inaugural Fellow of the International Academy of Health Sciences Informatics (IAHSI) (2017). Furthermore, Bernd Blobel is Honorary Fellow of the EuroMISE Mentor Association as well as Honorary Member of HL7 Germany and the Czech Society for Biomedical Engineering and Medical Informatics.