

European Campus Rottal-Inn, Pfarrkirchen, Germany

DigiHealthDay-2023

GLOBAL LOOK AT DIGITAL HEALTH -
FROM THE HEART OF EUROPE

9 -10 NOVEMBER 2023

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WELCOME

TO THE DIGIHEALTHDAY-2023

DigiHealthDay is a recurring series of international educational and research events dedicated exclusively to Digital Health, organized and hosted by DIT-ECRI, consisting of one-day scientific symposium and a series of premeeting workshops, seminars and special guest lectures. The series explores modern Digital Health and its role in tackling global health problems from a uniquely international and interdisciplinary perspective, with a special focus on Digital Health Education.

OPENING AND WELCOME ADDRESSES



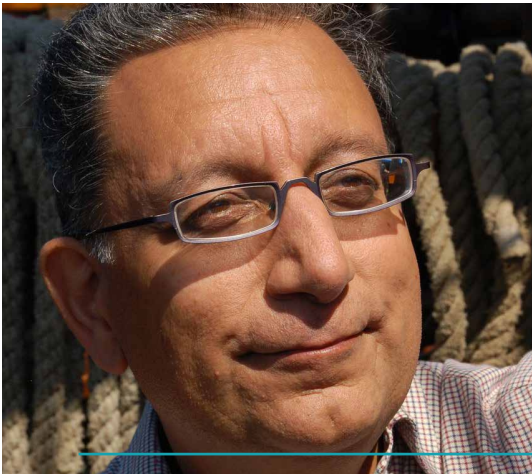
Prof. Dr. Georgi Chaltikyan (Germany)
Organising Committee Chair



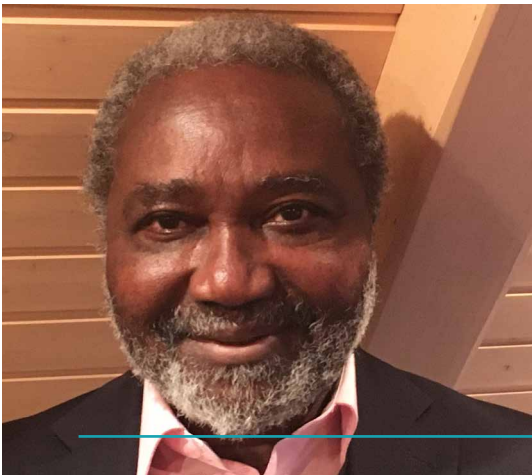
Mr. Wolfgang Beißmann (Germany)
1st Mayor of Pfarrkirchen



Michael Fahrmüller (Germany)
International Chair



Prof. Dr. Dipak Kalra (United Kingdom)
International Chair



Prof. Dr. Yunkap Kwankam (Switzerland)
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Prof. Waldemar Berg (Germany)
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Dr. David Novillo Ortiz (Denmark)
WHO Regional Office for Europe



Prof. Dr. Horst Kunhardt (Germany)
Scientific Committee Chair

SPEAKERS

KEYNOTE



PROF. BERND BLOBEL

Prof. Dr. habil. 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

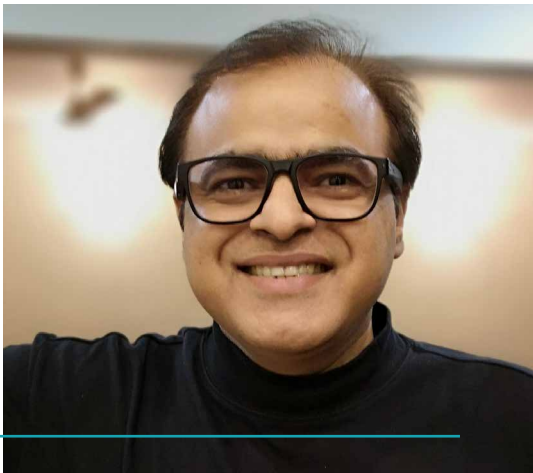
(1971), bio-cybernetics (1974), theoretical physics (1975), biometry and medical informatics (1985), educational theory (1989). He earned a PhD in Physics at the University of Magdeburg with a revolutionary thesis "About the mechanism of information processing and energy transformation in bio-receptors - 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).

SPEAKERS

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PROF. RAJENDRA PRATAP GUPTA

Prof. Rajendra Pratap Gupta is a leading public policy expert and featured amongst the top global experts in Digital Health, he has been instrumental in globally pushing Digital Health. He has been involved in major global initiatives on Digital Health and has held, and currently holds, several key positions in the Digital Health arena. He is a Member of the Guidelines Development Group (Digital Health) at the World Health Organization (WHO), Member of the Global Roster of Experts in Digital Health at the WHO, a Board Member and Chairman of the Capacity Building Workgroup of the International Society for Telemedicine & eHealth (ISfTeH), Member of the Steering Committee of the Global Digital Health Index and a Member of the World Economic Forum Expert Network. He has co-authored the Global eHealth Diffusion report by the World Health Organization, besides having served on the Expert Advisory Group for the 'Planning Workbook on ICT for Women's and Children's Health' developed by the PMNCH, WHO, IWG & GSMA.

He has been on advisory roles at the WHO for various projects and was invited to the Inter-Ministerial Policy Dialogue on eHealth Standardization and the 2nd WHO Forum on eHealth Standardization and Interoperability - Geneva, 2014. For his global contribution to Digital Health, Prof. Rajendra was nominated by the World Economic Forum on the Global Agenda Council for Digital Health for 2012-2014. He has served as a Medical Advisor to the Mayo Clinic and Noaber Foundation joint venture on

developing Patient Portals and EHRs. He is the man backing many path-breaking initiatives and organizations. He is also the Founder of; HIMSS Asia Pacific India Chapter, Continua India, and the Personal Connected Health Alliance-India, Disease Management Association of India (an organization with a Special Consultative Status with the United Nations Economic and Social Council).

In 2018, he was recognized for his global impact on Digital Health by the Personal Connected Health Alliance (A HIMSS Organization). He was conferred the 'Global Impact Award' in Boston at the Connected Health Summit. Prof. Rajendra was recognized for his global contribution to healthcare in 2012 by the Sheriff of Los Angeles, named 'Thought Leader of the Year' three years in a row by ICT Post.

Prof. Rajendra has served at senior-most levels at Fortune 20 & Fortune 500 companies in India and has been invited by the top-most global organizations and government bodies, such as; the United Nations, UNESCO, World Bank, Asian Development Bank, World Health Organization, World Economic Forum, World Trade Organization, International Telecommunication Union and by the Governments of; United States of America, Japan, Algeria, Finland & Bangladesh and the Ministry of Health, Ministry of Human Resource Development, Ministry of Labor and Employment, and The Planning Commission - Government of India, for his views on a diverse range of topics.

He is the author of several reports and five best-selling books - Healthcare Reforms in India - Making up for the lost decades, Your Vote is Not Enough, Your Degree is Not Enough, and Tough Choices & Hard Decisions- Rebuilding India: The Next 25 Years. Digital Health - Truly Transformational. Prof. Rajendra's contributions and career have been chronicled as a case study in global health by the Royal Society of Tropical Medicine and Health for their 'Grow Global Initiative.'

Currently, he is Chairperson at some of the most influential committees on Digitization viz; the Committee to draft the National Digital Health Standards, the Dynamic Coalition on 'Internet & Jobs' at the Internet Governance Forum, United Nations, and the Frontiers of Development Symposium hosted by the Royal Academy of Engineering on behalf of the Royal Society, The Academy of Medical Sciences, and the British Academy.

In his career spanning over two and a half decades, Prof. Rajendra has served on various government committees and has been the Advisor to the Union Health Minister, Government of India. He has played a key role in drafting the National Health Policy for India. Prof. Rajendra was a key member of the 9-member Committee tasked to draft the National Education Policy 2020 and currently divides his time in public policy initiatives and advisory roles.

SPEAKERS

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DR. DAVID NOVILLO

Currently, he works as unit head at the World Health Organization, coordinating the digital health flagship initiative and the data, metrics and analytics portfolio. Prior to joining WHO/Europe, he served as coordinator of the eHealth programme at the Pan American Health Organization from 2010-2018. Furthermore, David served from 2006 to 2010 as a Technical Officer for the Ministry of Health of Spain, where he was appointed Executive Advisor to the Minister.

David obtained his Masters and Ph.D. in Information Sciences from the University Carlos III of Madrid (UC3M). He also received a Masters in Public Health from the University of Bordeaux and the Public University of Navarre. He currently sits on the editorial board of the International Journal of Medical Informatics. In addition, he serves pro bono as an Honorary Senior Research Fellow at University College London and as an Adjunct Professor on biomedical informatics at the University of Utah.



MR. KEYRELLOUS ADIB

Keyrelous Adib is a technical officer for data science and digital health at WHO Regional Office for Europe. In his current role, he provides technical support to 53 Member States in areas such as predictive analytics, information systems, data governance, and digital health. His work contributes to strengthening digital health systems in the WHO European region, with the goal of leaving no one behind.

SPEAKERS

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DR. HENRIQUE MARTINS

He has a Medical Degree, Internal Medicine Speciality, a Master and PhD degrees in Management, and a Law Master's degree, presently doing a PhD in Law. He was one of the first CMIOs in Portugal in 2009-2013 at Hospital Fernando Fonseca, Lisbon. During the years at the Ministry of Health he was responsible for setting the agenda for eHealth in Portugal. He was president of SPMS, Portugal's Digital Health Agency for close to 7 years, where he led National eHealth. He represented Portugal for 8 years and was the former Member States co-chair of the EU eHealth Network, the highest policy body on eHealth in the Union.

Elected Fellow of the International Academy of Health Sciences Informatics (within IMIA) in July 2020. He is a National Defence Auditor. Since August 2020 he integrates the HL7 Europe Foundation Board of Directors. He now works as an academic at ISCTE Business School, one medical school (FCS-UBI), and at Korea University Medicine (Visiting professor), teaching and researching in Digital Health, Healthcare Systems and Transformation, Leadership and Management education for Medical Students and Health Professionals, he has authored a series of papers some of which looking at new trends for digital health at Global, European, National and Hospital levels. He is engaged in individual consulting projects in Healthcare Transformation and Digital Health (www.henriquemartins.eu). At present he works as Senior Consultant in Digital Health and Innovation for the WHO Athens Quality of Care and Patient Safety Office and as Senior Consultant for the Regional Action Plan on Digital Health for WHO Western Pacific Region.



DR. ANNE SNOWDON

Dr. Anne Snowdon is a Professor of Strategy and Entrepreneurship at the Odette School of Business, University of Windsor. Dr. Snowdon is leading a national research program focused on the capacity of health supply chain to enable health system responses to the COVID19 pandemic in seven Canadian provinces. This research builds on a well established program of research focused on healthcare supply chain, and health system innovation to achieve sustainability, economic value and productivity by providing support for innovators and entrepreneurs to successfully bring their discoveries to the Canadian, U.S. and world markets.

Currently, Dr. Snowdon is the Vice Chair of the Board of the Directors for Alberta Innovates, and member of the Health Futures Council of Arizona State University (ASU), and the Chief Scientific Research Officer for HIMSS. She is an Adjunct Faculty at the Department of Computer Science at the University of Windsor, the School of Nursing at Dalhousie University and the Centre for Innovative Medical Technology (CIMT), at the University of Southern Denmark.

Dr. Snowdon has published more than 150 research articles, papers and cases, has received over \$22 million in research funding, holds patents and has commercialized a highly successful booster seat product for children traveling in vehicles and is a Fulbright Scholar. She holds a PhD in Nursing from the University of Michigan, an MSc from McGill University, and BScN from Western University.

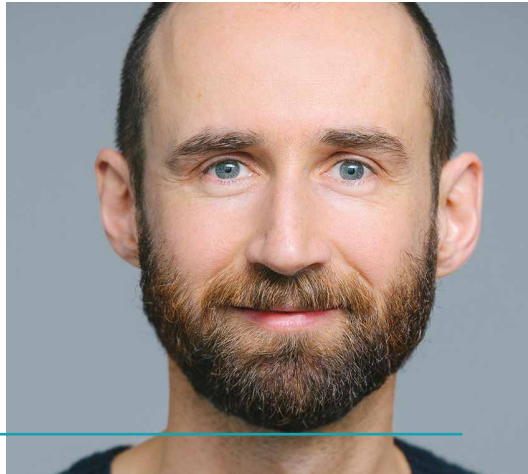
SPEAKERS

KEYNOTE



MR. CHENCHAO LIU

Chenchao Liu - born in China, living in Germany since 2002 -is the founder of SILREAL GmbH. Mr. Liu holds a degree in chemistry from the Technical University of Munich and was a visiting researcher at the Max Planck Institute and ETH Zurich. He has profound consulting experience in public sector, biopharma and healthcare providers in Europe and China. As a lecturer on digital health China in Denmark and Switzerland and author for the World Economic Forum, Mr. Liu's expertise in healthcare and Sino-European relation is called upon by private companies and public institutions such as the German Federal Ministry of Health, State of Baden-Württemberg, AstraZeneca, Bayer, Opseo, TenCent, the European Federation of Pharmaceutical Industries (EFPIA) and The Federation of German Industries (BDI).



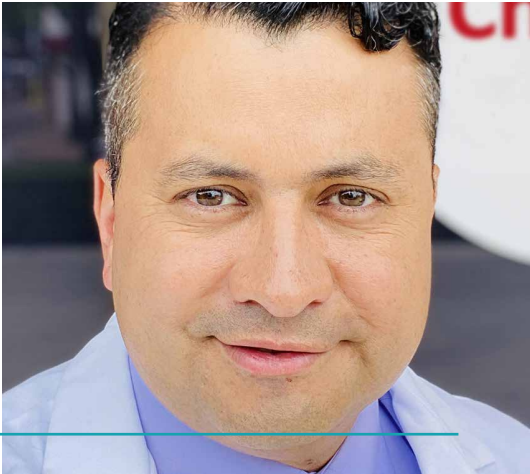
MR. ARTUR OLESCH

Artur Olesch is a Berlin-based freelance journalist and correspondent for digital health-related topics. He is the founder of aboutDigitalHealth.com and editor-in-chief of ICT&Health International and OSOZ News. An author of and 500+ articles and health-IT reports, content writer, an influential voice on social media. He mentors startups and guides healthcare organizations aiming to develop digital strategies.

Artur discovered his passion for digital health while working for one of the largest healthcare software providers in Central and Eastern Europe. As a correspondent of the most important conferences in healthcare, Artur describes technological, scientific developments in medicine and their impact on the health and well-being sector today and in the future. Artur works with healthcare and IT organizations like HIMSS, WHO, Copenhagen Institute of Future Studies

SPEAKERS

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DR. HARVEY CASTRO

Growing up in NYC, I was raised by a single teenage mother. This experience instilled in me a determination to break the cycle of living paycheck to paycheck. I set a goal for myself to think outside the box and work hard to become a physician, a decision that would ultimately shape the trajectory of my life.

With over two decades of experience as a physician, entrepreneur, and former CEO of a healthcare system, I've expanded my influence into Healthcare Management, Working with Physicians, and integrating Healthcare Management into modern practices.

My commitment to revolutionizing healthcare through AI has led me to serve as a Strategic Advisor for ChatGPT & Healthcare. I aim to create a seamless symbiosis between healthcare professionals, AI developers, and innovative AI solutions.

My role encompasses:

Orchestrating AI Adoption Plans: Pinpointing novel AI applications that meet the demands of today's healthcare landscape.

Bridging the Technology-Healthcare Divide: Aligning AI with clinical needs, safeguarding data integrity, ensuring technological compatibility, and cultivating staff competence in AI.

Working with Physicians: Building collaborative environments to foster innovation and growth.

Managing Healthcare Systems: Leveraging my expertise to ensure efficiency and effectiveness in healthcare delivery.

As an author and public speaker, I endeavor to foster awareness and spur action on AI's transformative potential in healthcare, sharing insights from my unique intersection of experiences in Healthcare, Working with Physicians, and Healthcare Management.

Join me in this exciting journey, where we innovate, inspire, and impact the future of healthcare. Together, we can create a healthier and more intelligent world.

SPEAKERS

IMPULSE TALK

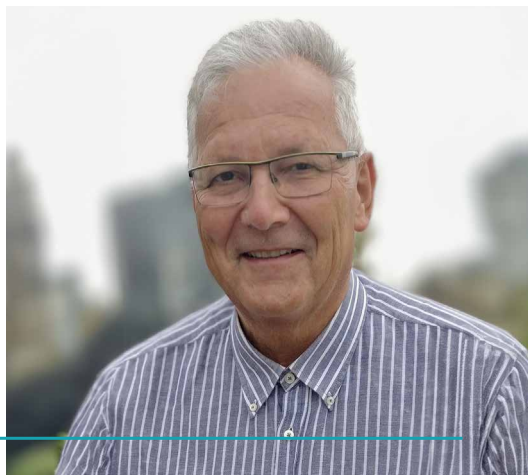


DR. OSAMA EL HASSAN

Dr. Osama Elhassan carries more 25 years of experience in digital transformation and advanced computing. He also an elected board of member of several local, regional and international Scientific and non-for-profit organizations such as Emirates Health Informatics Society, the Middle East and North Africa Health Informatics Society and the Roaster of Healthcare IT Experts at World Health Organization.

Osama contributes to academia through his adjunct lecturer role at the Higher Colleges of Technology. He also serves as a Health Informatics specialist at Dubai Health Authority. He is specialized in software architecture, systems integration and domain-specific modelling and cognitive AI.

Dr Elhassan obtained a PhD in Software Engineering from University of Leicester and an MSc in Advanced Computing from Imperial College in UK.



DR. STEPHAN SCHUG

Stephan is Psychologist and Medical Doctor. He also holds a degree in Public Health. Stephan is an enthusiast for the benefits of eHealth interoperability. Since 25 years he is driving this matter within German, European and Global Digital Health Networks.

As President of the German Digital Health Society (DGG e.V.), he supports government and technical networks of implementers in Germany with a cross-border and EU-wide dimension. Stephan's life time mission is guided by the principles of accessibility, patient centredness, clinical utility, health literacy, and collaboration. Stephan's guiding principle is to promote the improvement of health and care through meaningful use and reuse of data through practise, research and AI/ machine learning. Stephan has served on the EC eHealth Stakeholder Group (eHSG) from its inception until 2021.

He actively coordinated and promoted a variety of liaison activities within the wider EU stakeholder community, like providing networking support for revisions of the European guidelines for cross-border eHealth services. These important building blocks of the MyHealth@EU services have now become an essential enabler of the Europe's EHDS master plan.

SPEAKERS

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MS. BIRGIT BAUER

Birgit is German and works with a Business Partner in the company, the Manufaktur für Antworten UG (www.manufaktur-fuer-antworten.de). Birgit works as social media and Digital Health Expert, Journalist and Speaker with a more than 17 years' experience and a specialisation in healthcare, developing Workshops and Talks about the use of social media for Target Groups e.g. Patients, Patient Organisation, NPO, Industry and BioTech Companies, Start-Ups and governmental institutions. In her role as Consultant, she designs and realize Social Media - and Communication Strategies for different Businesses or Patient Projects and brings the Ideas and Strategies into the reality. With a team Birgit also designs and performs Feasibility Studies.

Since January 2022 Birgit is also the founder and managing partner of the Non-For-Profit organisation "european digital health academy" gGmbH and so a social entrepreneur. She founded the Non-For-Profit organization with the aim to set up a platform from patients for patients to inform about digital health. With this NPO Birgit brought Data Saves Lives to Germany. www.datasaveslives.de was launched in November 2022 and was supported with a funding by the Ministry of Health in Germany.

Data Saves Lives discusses about health data sharing, the european health data space and grows a lively and active community with patients, carers and interested persons. The project has received a funding again from the Ministry of Health in Germany till Dec 31st 2023.

Birgit aka @Birgitpower on Twitter (<https://twitter.com/Birgitpower>) is one of the most influential Blogger about Multiple Sclerosis and Healthcare in Germany and Europe. She started her Blog "Fast normal! Mein Leben mit MS" - "Almost normal - My Life with MS" <http://leben-arbeiten-mit-multiple-sklerose.blogspot.de/in> 2007.

Birgit is a so-called Patient Expert and Eupati Fellow. She supports the European Multiple Sclerosis Platform voluntary, is a proud member of the Editorial Board of the "Data Saves Lives" Initiative, is HIMSSFuture50 Patient Leader 2021 and committee member of the HIMSS DACH Community, Member of the 5th Cohort of the Sciana Network and Member of the Stakeholder Group of the Tehdas Project. Birgit is also involved in different Advisory Boards, Committees and Focus Groups. She is a Co-Author of different scientific Whitepapers and Publications around the theme "Patient - Doctor Communication".

Birgit about Health Data Sharing:

Health Data are essential for all healthcare systems to move forward to create new digital ways to help patients faster to be diagnosed or receive the best possible care. To share health data is an important point and we need to explain, inform and empower people to enable them to make informed decisions when it comes to share health data. We also have to know who is using data how, where and what and we also need to know: What is the outcome for patients?

SPEAKERS

IMPULSE TALK



DR. MIKLÓS SZÓCSKA

Professor Miklós Szócska graduated at the Semmelweis University of Medicine in 1989. He holds a Master of Public Administration degree from the John F. Kennedy School of Government at Harvard University (1998), and a Ph.D. from the Semmelweis University in the field of change management (2003). After his graduation at the Semmelweis University he and his colleagues initiated the creation of the Health Services Management Training Centre (officially established in 1995) of the Semmelweis University. Between 1995 and 2000 he was serving as the deputy director and in 2000 he was appointed to be the director of the Centre. He also had critical role in establishing the Centre's international relationships and recognition. At present, the Centre also serves as the Collaboration Centre of the World Health Organisation.

Between 2010 and 2014 Dr. Szócska served a full electoral term as the Minister of State for Health of the Hungarian Government. Besides managing sustainability of health services during the economic crisis, he implemented evidence-based reforms in a participatory, consultative co-creation framework, such as radical tightening of public health regulations: the full ban of smoking in public and workplaces, decrease of trans-fat content of food,

introduction of public health tax on food and beverages with added sugar and salt. The income generated through public health tax contributed to the salary raise of health workers, which slowed down the emigration of doctors and nurses. Central capacity planning for the rationalisation and regionalisation of service delivery was implemented, and patient pathways were redesigned. New centralized and innovative procurement yielded radical cost savings regarding pharmaceuticals and utilities. Structural Fund developments were used to support restructuring of the hospital system and the introduction of a nationally integrated digital health system.

Since 2014 Professor Szócska has been again the Director of the Health Services Management Training Centre. In 2016 he was nominated by the Hungarian Government for the DG position of the WHO. In July 2019 Dr Szócska was appointed to be the Dean of the Faculty of Health and Public Administration at Semmelweis University. The main areas of his professional research and teaching interest are the analysis and development of organisations, management of change and leadership, network analysis, crisis communication, the implication of social network studies on the organisation of health systems, e-Health and big data solutions, data mining. Currently he is leading the Artificial Intelligence in Healthcare working group of the Ministry of Interior.

SPEAKERS

IMPULSE TALK



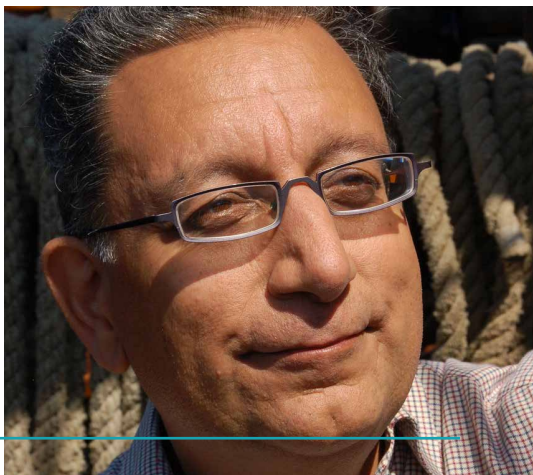
DR. JUSTUS WOLFF

Justus has almost a decade of Digital Health work experience with insurance, pharma and medtech companies internationally and conducted his PhD at the chair of Experimental Bioinformatics at the Technical University Munich about AI implementation in healthcare. Recent publications include:

- The Economic impact of Artificial Intelligence in healthcare (Journal of Medical Internet Research)
- Success Factors of Artificial Intelligence Implementation (Frontiers in Digital Health)
- Federated machine learning for a facilitated implementation of Artificial Intelligence in healthcare - a proof of concept study for the prediction of coronary artery calcification scores (Journal of Integrative Bioinformatics)

SPEAKERS

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PROF. DIPAK KALRA

Dipak Kalra, Professor at University College London, UK, plays a leading international role in research and development of Electronic Health Record architectures and systems, including the requirements and models needed to ensure the robust long-term preservation of clinical meaning and protection of privacy. He leads the development of CEN (European Committee for Standardization) and ISO (International Organization for Standardization) standards on EHR interoperability, personal health records, EHR requirements, and has contributed to several EHR security and confidentiality standards.

Dipak has led multiple Horizon 2020 and IMI projects in these areas, alongside pharma companies, hospitals, patient and professional organisations and ICT companies. His current projects include the generation and acceptance of real world evidence in pregnancy, the governance of patient-centric clinical trials, scaling up the quality, interoperability and the reuse of health data for research, the readiness of hospitals to generate evidence for value based care, and a new initiative to explain the value of research using health data to the public. Dipak is President of the European Institute for Innovation through Health Data (www.i-HD.eu) and President of the European Institute for Health Records (www.eurorec.org), which is the coordinator or a partner in many EC projects on electronic health record quality and systems accreditation, interoperability and the uses of health data for research. EuroRec

leads a network of national ProRec Centres which promote good quality EHR system adoption across Europe. Dipak is a member of multiple standards bodies including BSI Group, CEN, ISO and HL7-UK (International HL7 Implementations). Dipak was a founding Director of the openEHR Foundation, a not-for-profit company which exists to promote and publish, via the Web, the formal specification of requirements for electronic health record information, supporting development of open specifications for health information systems.

Dipak's innovations in EHR architectures have been spun out into a company: Helicon Health, providing cardiovascular chronic disease management services across London.

SPEAKERS

KEYNOTE



MS. PILAR FERNANDEZ HERMIDA

Pilar is an international Go-to-Market expert with 25+ years of experience launching disruptive sales and channel ecosystem strategies, along with innovative programmes to execute these.

During her career, Pilar has covered all market segments and verticals, partner types and geographies, with a special focus in the Health and Tech sectors. She was part of the global leadership teams of companies such as Cisco and Wolters Kluwer and has worked across 6 continents bringing new solutions to market.

A passionate believer in innovation, Pilar has assisted hundreds of client organizations and government institutions around the globe to leverage technology to achieve their goals. As part of her accomplishments, she has led delegations to the UN/WHO, standardized digital health solutions at national level, achieved double-digit growth Y/Y and helped raised \$350M in funds.

Currently Pilar is the founder of i-Expand (www.i-expand.com), a business advisory firm focused on assisting Health Tech companies grow and expand internationally in less time, with less risk and less cost. The company has also created the Healthcare Go to Market Academy xi-Expand®. To date, more than 450+ companies have been through this commercial know-how transfer programme.

Pilar is fluent in 9 languages, holds 2 First-class degrees and is PMO-certified by Stanford.

Other Credentials: Board member of DHACA; Angel investor; Advisor, mentor and in-residence GTM expert in several EMEA startups and accelerators. Active speaker in the health & tech community.

Her upcoming book "Cash or Crash: How to launch a digital health business. Successfully" is out in 2023.

SPEAKERS

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MR. PHILIPPE GERWILL

Philippe Gerwill is a man of many hats: Digitalization Humanist, Futurist, and a respected Innovation Key Opinion Leader. He is known for his insightful oratory at international events, where he bridges the realms of advanced technology and human-centric design. His areas of expertise span across cutting-edge technologies such as Digital Health, Artificial Intelligence, Internet of Things, Big Data, Augmented Reality / Virtual Reality, 5G, Blockchain, and the intriguing new frontier of Healthcare in the Metaverse.

However, his approach is guided by a firm belief: while these technologies are awe-inspiring, the human element should always guide their design and application. For him, technology must serve humanity, not the other way around. This philosophy underpins his reputation as a 'Digitalization Humanist,' a voice of reason in an increasingly digitized world, ensuring that our technological evolution remains tethered to our shared human experience.

Philippe spent the foundational years of his career, approximately 30 in total, in key global roles within big multinational corporations. He divided his time almost equally between the specialty chemicals industry and the pharmaceutical sector. These roles not only provided him with deep industry knowledge and expertise but also offered him the privilege of traveling the globe and embracing the richness of diverse cultures.

His early retirement in September 2022 marked the beginning of a new journey, not of leisure but of service. As he transitioned from his corporate roles, Philippe felt an innate responsibility towards the world and the future generations set to inherit it. Recognizing that everyone has a part to play in creating a better future, he set out to make a positive impact.

Today, Philippe is leveraging his decades of experience and insights to guide and inspire others. He serves as an executive advisor, board member, industry advisor, and consultant for a range of companies across the globe. His primary focus remains the healthcare industry, a sector he had closely worked with. However, his vast knowledge has also proven valuable for manufacturing and supply chain sectors.

In his most recent roles, Philippe has found himself at the helm of technological revolutions in healthcare and related sectors, infusing his seasoned expertise and keen foresight into various ambitious ventures:

- **Doctus Healthtech - Kenya (since June 2023)**
As a Board member, Philippe is addressing the critical challenge of reducing variations in care and ensuring top-notch patient care. The company's innovative platform empowers healthcare professionals with up-to-date knowledge and collaboration tools, improving patient outcomes and eliminating disparities in healthcare.
- **HIMSS - USA (since May 2023)**
Philippe served recently as an official SoMe Influencer for HIMSS, promoting the HIMSS 23 Europe event in Lisbon.
- **Aimedis - The Netherlands (since April 2023)**
Philippe is an Executive Advisor at Aimedis, a trailblazer creating the world's first real healthcare Metaverse and medical data NFT marketplace.
- **DayOne Tech - Switzerland (since April 2023)**
In his role as Advisor & Jury Member at DayOne Tech, Philippe is shaping the future of medtech ventures, fostering innovation in an environment that unites universities, corporations, manufacturers, and hospitals.
- **MicroGrid Inc. - India (since March 2023)**
As an Executive Advisor at MicroGrid Inc., he's part of a team redefining conversational experiences in the Healthcare ecosystem using advanced Google CCAI tech.
- **Future is meta - Hong Kong (since February 2023)**
He is also an Executive Advisor for Future is meta, a group of architects and product designers exploring the metaverse.
- **African Medical Tourism Congress - Tunisia (since February 2023)**
Philippe is also a Conference Ambassador for the African Medical Tourism Congress, promoting networking in the Medical Tourism sector.
- **Med-Tech World - Malta (since January 2023)**
His role at Med-Tech World, another advisory board position, involves guiding a conference platform that brings together companies, start-ups, investors, and healthcare professionals to empower networking, investment, and knowledge sharing in the pursuit of better healthcare.
- **Tata Elxsi - India (since September 2022)**
He is a Healthcare and Life Sciences Consultant at Tata Elxsi, a leading provider of design and technology services from India.

Through these roles, Philippe continues to shape the global healthcare landscape, embodying the intersection of technology, healthcare, and human-centric design. His wealth of experience and insights are empowering companies worldwide to deliver more efficient, innovative, and impactful services.

To sum up, Philippe Gerwill is a seasoned leader, a technology futurist, a humanist, and an advocate for a better future. His wealth of experience, coupled with his deep commitment to creating a better world, make him a sought-after authority in the world of digital transformation and innovation. As he continues to share his wisdom and insights with individuals, corporations, and audiences around the world, Philippe remains a guiding beacon, illuminating the path towards a technologically advanced, yet human-centric future.

SPEAKERS

PANEL DISCUSSION



MR. DMITRY ETIN

Dmitry (aka Dima) Etin is a recognized expert in the field of public digital health, healthcare data management and interoperability. He started his health IT journey, building an IT department in a hospital, where he spent 5 years, developing and implementing Patient Administration and Electronic Medical Record systems. Last 15 years he spent in companies like Tieto, EMC, Dell and now Oracle solutioning complex healthcare interoperability platforms for national and regional health systems, representing his employers in European and international standardization working groups. He was involved in well-known e-health projects in EMEA, such as KANTA in Finland, National EMR in Georgia.

Dmitry is also a co-founder of the bioinformatic association FOROME.ORG - a spin-off, initially funded with NIH grants for the Brigham Genomic Medicine, Undiagnosed Diseases Network and related clinical research programs, focusing on developing open-source community tools for genomic analysis of complex patient cases with hereditary diseases. Currently Dmitry is a mentor and an ambassador for Oracle for Start-ups program.

Dmitry is based out of Vienna, Austria.



DR. GEORG MÜNZENRIEDER

Dr. Georg Muenzenrieder has held various positions in the Bavarian ministerial administration after completing his training as a fully qualified lawyer and obtaining his doctorate in 2009.

Since returning from a secondment to the Federal Foreign Office to the Permanent Representation of the Federal Republic of Germany to the EU in Brussels, he has been Head of Division for fundamental issues of digitalization in health and care, future and innovation projects in the Bavarian State Ministry of Health and Care since 2017.

Since 2019 he has also been chairman of the federal and state working group on digitalization in the healthcare sector and chairman of the gematik advisory board.

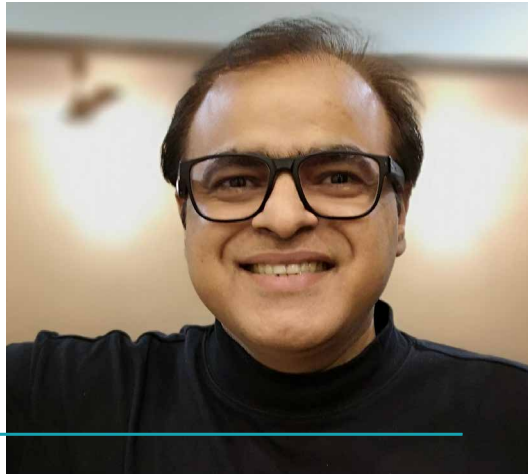
Since 2020, in addition to his work as a head of unit, he has also been deputy head of the division for cooperation with relevant institutions as part of the Corona Pandemic Task Force of the Bavarian State Ministry of Health and Care until July 2022.

SPEAKERS

PANEL DISCUSSION



PROF. DIPAK KALRA



PROF. RAJENDRA PRATAP GUPTA



MS. PILAR FERNANDEZ HERMIDA



MS. BIRGIT BAUER

PROGRAMME

Thu, 9 November

EC 1.04 -1.06 (IT ROOM)	
9:45 - 1:00 pm	Exclusive DigiHealth Workshop: Global Digital Health Policy and Strategy Development Speaker: Prof. Rajendra Pratap Gupta (India)
EC 1.04 -1.06 (IT ROOM) or ZOOM: 66132749237	
2:00 - 6:30 pm	PRE-EVENT VIRTUAL PLEANARY Host: Prof. Georgi Chaltikyan (Germany)
<p>Keynote: Designing and Managing Interoperability and Integration of Intelligent and Ethical 5P Medicine Ecosystem Speaker: Prof. Bernd Blobel (Germany)</p> <p>Keynote: Digital Health in the WHO European Region: the ongoing journey to commitment and transformation Speakers: Dr. David Novillo, Mr. Keyrelous Adib (Denmark)</p> <p>Keynote: Global Digital Health Diplomacy: the G-EHR and first steps for a Global Treaty on Digital Health Speaker: Dr. Henrique Martins (Portugal)</p> <p>Keynote: Why Digital Health Matters: Evidence of Quality and Safety in US Hospitals with Advanced Digital Maturity Speaker: Dr. Anne Snowden (Canada)</p> <p>Keynote: A Journey into Digital Health Transformation in China Speaker: Mr. Chenchao Liu (Germany, China)</p> <p>Keynote: Will generative AI become the greatest doctors' assistant they have been waiting for? Speaker: Mr. Artur Olesch (Germany, Poland)</p> <p>Keynote: AI and Healthcare: The Good, The Bad, and The Unknown Speaker: Dr. Harvey Castro (USA)</p>	

Fri, 10 November

EC 1.17 - 1.20 or ZOOM: 68781151919		
8:00 - 8:45 am	Arrival & Registration	
8:45 - 9:00 am	OPENING ADDRESSES by Prof. Dr. Georgi Chaltikyan, Organizing Committee Chair and Wolfgang Beißmann, 1st Mayor of Pfarrkirchen	
9:00 - 11:00 am	Morning Plenary Session Host: Prof. Horst Kunhardt (Germany)	
<p>Impulse Talk: Rising Above and Beyond: The success story of ZIMAM's digital health workforce development taskforce Speaker: Dr. Osama El Hassan (UAE)</p> <p>Impulse Talk: Digitally-enabled heart failure journeys: from provider driven to patient centric solutions Speaker: Dr. Stephan Schug (Germany)</p> <p>Impulse Talk: Why we should use the power of patients for health data sharing and digital health! Speaker: Ms. Birgit Bauer (Germany)</p> <p>Impulse Talk: Data-driven evolution and artificial intelligence in healthcare - HU developments Speaker: Dr. Miklós Szócska (Hungary)</p> <p>Impulse Talk: Success factors of AI implementation from a payer perspective Speaker: Dr. Justus Wolff (Germany)</p>		
11:00 - 11:15 am	Coffee Break	
11:15 - 1:00 am	Parallel Sessions*	
EFMI Session Host: Dr. Lars Lindsköld (Sweden)	Scientific Session Host: Prof. Dipak Kalra (UK)	Student Session Host: Prof. Mouzhi Ge & Oscar Blanco (Germany)
1:00 - 2:00 pm	Lunch Break	

PFARRKIRCHEN CITY HALL or ZOOM: 68781151919	
2:00 - 2:30 pm	WELCOME ADDRESSES Host: Prof. Dr. Georgi Chaltikyan (Germany) Organizing Committee Chair
<p>Prof. Dr. Waldemar Berg (Germany) President-Elect of DIT</p> <p>Michael Fahmüller (Germany) Landrat, Rottal-Inn</p> <p>Prof. Dr. Dipak Kalra (United Kingdom) International Chair</p> <p>Dr. David Novillo Ortiz (Denmark) WHO Regional Office for Europe</p> <p>Prof. Dr. Yunkap Kwankam (Switzerland) Executive Director of ISfTeH</p>	
2:30 - 4:30 pm	Afternoon Plenary Session Host: Prof. Horst Kunhardt (Germany)
<p>Keynote: Unlocking the power of Health Data - by ensuring the public can trust the EHDS Speaker: Prof. Dipak Kalra (UK)</p> <p>Keynote: Digital Health- Fear, Force & Facts Speaker: Prof. Rajendra Pratap Gupta (India)</p> <p>Keynote: Cash or Crash: Entrepreneur's Journey in Digital Health Speaker: Ms. Pilar Fernandez Hermida (UK & UAE)</p> <p>Keynote: Revolutionizing Medicine: Rise of the Healthcare Metaverse & AI Doctors Speaker: Mr. Philippe Gerwill (Switzerland)</p>	
4:30 - 4:45 pm	Coffee Break
4:45 - 5:45 pm	Panel Discussion Host: Mr. Dmitry Etin (Austria)
<p>Digital Health Data at the Forefront: addressing ethical, inequality and privacy hurdles</p> <p>Prof. Dipak Kalra (UK), Prof. Rajendra Pratap Gupta (India), Dr. Georg Münzenrieder (StMGP, Germany), Ms. Pilar Fernandez Hermida (UK), Ms. Birgit Bauer (Germany)</p>	
5:45 - 6:00 pm	Wrap-Up and Closure
6:00 - 10:00 pm	DigiHealthNight RECEPTION DRINKS - SNACKS - MUSIC - NETWORKING

PROGRAMME

Parallel Sessions Info

11:15 - 1:00 am Parallel Sessions*

EFMI Session

Host: Dr. Lars Lindsköld (Sweden)

EC 1.17 - 1.20 or Zoom: 68781151919

Enhancing Medical Outcomes: The Role of AI in Decision Support for Healthcare Professionals

Scientific Session

Host: Prof. Dipak Kalra (UK)

EC 1.07 - 1.10 or Zoom: 68366451164

Enhancing Colonoscopy Image Analysis with Mask R-CNN: A Deep Learning Approach

Speakers: Mohammad Reza Esmaily, Mehdi Aarabi, Alireza Norouzi, Maryam Nategh, Mohammad Hadi Gharib, Pedram Hasibi, Fatemeh Zare, Fateme zahra Yaghoubiashrafi, Mersedeh Alizadeh, Pedram Khaki Jamei ONLINE

Anonymization of Personal Health Data as Open Data: A Systematic Analysis of Enabling Factors and Barriers in the EAsyAnon Project.

Speakers: Norbert Lichtenauer, Florian Wahl, Sebastian Wilhelm ONSITE

A scoping review of the role of Clinical decision support systems in ICU during the Covid-19 pandemic

Speakers: Zaid OLANREWAJU, Muhammed FAISAL, Rebecca RANDELL ONLINE

Benefits of FAIR Health Data

Speakers: Esther INA, Atinkut ZELEKE, Dagmar WALTEMATH ONSITE

Vector diagnosis of patient conditions in telemedicine

Speakers: Ozar Mintser, Volodymyr Zhovnir, Yevgen Vember ONSITE

Student & Young Professional Session

Hosts: Prof. Mouzhi Ge & Oscar Blanco (Germany)

EC 0.13 - 0.16 or Zoom: 62913365369

Telemedicine and Remote Health Care for Visually Impaired Individuals in Nigeria: A Review of Current Challenges and Opportunities

Speaker: Charles Umeh ONLINE

Evaluation of Doctors' Perspective Towards the Use of Digital Health Technologies for the Management of Sickle Cell Disease in Nigeria

Speaker: Elvis Ofori ONLINE

Revolutionizing Oral Health Through Data Science and Artificial Intelligence: A Path to Precision Dental Medicine and Global Well-being

Speakers: Nisha, Daniel. R, Nimel, Sworna Ross. K ONLINE

Assessing the Knowledge and Attitude towards 2-D and 3-D pharmaprinting technology among pharmacists in Regensburg.

Speaker: Rupa Ramachandran ONSITE

SUSTAIN - Finding and Experiences from an International Digital Health Design Summer School

Speaker: Oscar Blanco ONSITE

DIGIHEALTHDAY-2023

ERASMUS+ BLENDED INTENSIVE PROGRAM ON AI AND ML IN HEALTHCARE

A 6 day blended (physical & virtual) short training course that focuses on understanding the basics, use, potential, benefits, limitations of AI in healthcare and its impact on the healthcare industry, gaining knowledge of the theory and practice of Machine Learning and how it can be used in healthcare, analyzing the role of deep learning in medicine with a focus on medical imaging describing the sources of bias and the use of explainability in AI and discussing key ethical issues of using AI in healthcare and the requirements of regulation.

Programme

Day 1: Foundations of Artificial Intelligence (AI) and Machine Learning (ML) in healthcare

Lead: Prof. Dr. Martin W. Gerdes (UiA)

Date: Virtual workshop on 2nd November

Day 2: Fundamentals of Machine Learning (ML) 1

Lead: Dr. Tosin Adewumi (LTU)

Date: Onsite Training on 6th November at ECRI

Day 3: Use Cases of ChatGPT-Enabled Deep Learning in Healthcare

Lead: Prof. Dr. Turgay Celik (UiA)

Date: Onsite Training on 7th November at ECRI

Day 4: Data Quality and Trust in AI

Co-Leads: Fara Fernandes (DIT), Prof. Dr. Martin Wulf Gerdes (UiA)

Date: Onsite Training on 8th November at ECRI

Day 5: User Experience Design for AI in Healthcare

Co-Leads: Prof. Dr. Josep M Monguet (UPC), Prof. Michelle Catta-Preta (Innex), Prof. Dr. Martin Gerdes (UiA)

Date: Onsite Training on 9th November at ECRI

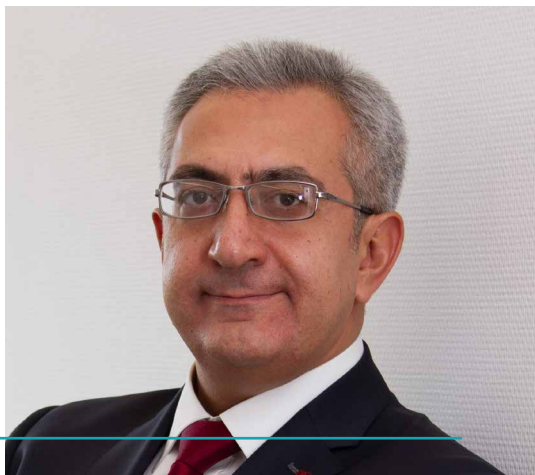
Day 6: DigiHealthDay-2023 symposium Scientific Session and Panel Discussion

Lead: Prof. Dr. Georgi Chaltikyan (DIT)

Date: Onsite Participation in Scientific Symposium on 10th November at ECRI

SPEAKERS

ERASMUS+ BLENDED INTENSIVE PROGRAM



PROF. DR. GEORGI CHALTIKYAN

Georgi Chaltikyan is professor of Digital Health and Healthcare Management, and director of the study program Master of Digital Health (MDH) at Deggendorf University of Applied Science (Deggendorf Institute of Technology, DIT) in Bavaria, Germany, and founding president of Armenian Association of Digital Health (AADH).

Georgi Chaltikyan is graduate of the Yerevan State Medical University in Armenia. He has been trained as general surgeon and spent about 20 years in clinical practice in general and laparoscopic surgery. He has extensive experience in healthcare education, research and management, gained also through multiple fellowships and internships in Germany, Austria, France, and USA. In 2001-2009 he has served as associate professor at the Department of Surgery of Yerevan State Medical University, and has taught medicine and surgery to undergraduate and postgraduate students. In 2009-2010 he was Fulbright Visiting Scholar at the University of Southern California in Los Angeles, USA. In 2010-2015 he worked in private surgical practice at a large multi-profile hospital.

He has more than 10 years of work experience in the field of Digital Health. As the founding president of a NGO Armenian Association of Telemedicine (the national member of the International Society for Telemedicine and eHealth and the European Federation for Medical Informatics, and an international partner of the American Telemedicine Association) he has been instrumental in design and implementation of a number of successful eHealth and telemedicine projects with international participation. He has publications on different aspects of eHealth and telemedicine, and is involved in several international projects in Digital Health. Prof. Chaltikyan is a member of the WHO Roster of Experts on Digital Health. He co-authored a discussion paper on Armenian Digital Health Initiative that was presented to the Government of Armenia.

SPEAKERS

ERASMUS+ BLENDED INTENSIVE PROGRAM



MS. FARA FERNANDES

Fara Aninha Fernandes, BDS, MDS, MSc, is a research associate at DIT-ECRI. She is a graduate with a specialization in Oral Medicine & Radiology from Goa Dental College & Hospital in Goa, India, and has worked as dental physician and radiologist. In 2017-2020, she trained in the M.Sc. program in Medical Informatics (MMI) at DIT-ECRI. She lectures students in 'Foundations of Medicine' and supports teaching staff in the field of International Healthcare Management, Health Economics, Medical Documentation Systems and the Legal and Regulatory landscape of Digital Health. At present, she is doing her PhD in Machine Learning in Dental Radiology with a focus on bias, explainability and ethics.

SPEAKERS

ERASMUS+ BLENDED INTENSIVE PROGRAM



PROF. DR. MARTIN W. GERDES

I am an Associate Professor in Information and Communication Technology (ICT) with specialization in „e-Health“, and a member of the e-Health Research Centre at the University of Agder, Norway.

I am a Diploma Engineer in General Electrical Engineering by education, from the Rheinisch-Westfälische Technische Hochschule (RWTH) in Aachen, Germany. Utilizing the experience in applied industrial research from more than 15 years of work as researcher in the telecommunication industry, I have obtained a PhD within the field of Information and Communication Technologies (ICT) with specialization in e-Health at the University of Agder, Norway, with focus on telehealth and telecare solutions. My research in this field is interdisciplinary and is addressing the design and application of digital technologies (information technology, computer systems, human-computer-interaction design, artificial intelligence) in the healthcare domain. The overall objective are accessible, safe, user-friendly, interoperable and efficient digital health solutions for all citizens in their various roles (patients; healthcare professionals; other stakeholders), understanding and considering their diverse needs and preferences.

My research interests include distributed health information system architectures (discipline of Health / Bio-Informatics), personalized decision support and recommendations based on health and wellness monitoring and the use of Artificial Intelligence (Pervasive Health), and the application of User-Centered Design methodologies within global and universal e-Health.

Besides my experience from the private industry, I have been working with various international research institutions (including the Queensland University of Technology, Brisbane/Australia, Griffith University, Brisbane/Australia, Auckland Technical University, New Zealand, University of Oslo/Norway, Cardiff Metropolitan University, Wales/UK, Amrita University, Tamil Nadu/India, Luleå Technical University, Sweden).

I am and have been a partner in national Norwegian and European research projects on telehealth, mobile health, and global health, and management and mitigation of the COVID-19 pandemic with digital health tools. In the public sector I have collaborated with health institutions such as the South Norway regional hospital, and with rural clinics in South Africa and India.

SPEAKERS

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PROF. DR. TURGAY CELIK

Dr Turgay Celik received his second PhD degree from the University of Warwick, Coventry, U.K., in 2011. He is currently a Professor of Artificial Intelligence at the Department of ICT, University of Agder. He is also a member of the Center of Artificial Intelligence Research at the University of Agder. His research interests include theoretical and applied signal and image processing, computer vision, (explainable) artificial intelligence, data-driven optimal control, robotics, (health) data science, cybersecurity and remote sensing. He is involved with several national and international projects, from health to mining to climate change. His publications have received more than 7700 citations on Google Scholar Index with an h-index of 40 and an i-10 index of 80. He has been listed in the „Top 2% Scientists Worldwide Identified by Stanford University.“ He is an Associate Editor of IEEE Access, IET Electronics Letters, IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, Springer Signal, Image and Video Processing, and BMC Medical Informatics and Decision Making. He was recently appointed as the Subject Editor-in-Chief of the „Information and Communication“ stream of IET Electronics Letters.

SPEAKERS

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PROF. DR. MARCUS LIWICKI

Marcus Liwicki received his M.S. degree in Computer Science from the Free University of Berlin, Germany, in 2004, his PhD degree from the University of Bern, Switzerland, in 2007, and his habilitation degree at the Technical University of Kaiserslautern, Germany, in 2011. Currently, he is chaired professor in Machine Learning and vice-rector for AI at Luleå University of Technology. His research interests include machine learning, pattern recognition, artificial intelligence, human computer interaction, digital humanities, knowledge management, ubiquitous intuitive input devices, document analysis, and graph matching. From October 2009 to March 2010 he visited Kyushu University (Fukuoka, Japan) as a research fellow (visiting professor), supported by the Japanese Society for the Promotion of Science. In 2015, at the young age of 32, he received the ICDAR young investigator award, a bi-annual award acknowledging outstanding achievements in pattern recognition for researchers up to the age of 40.



DR. TOSIN ADEWUMI

Postdoc researcher, Machine Learning Group, Luleå University of Technology.

Researcher interests include Dialogue systems, Large Language Models (LLMs), Bias detection, Explainable and Ethical AI.

SPEAKERS

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DR. LARS LINDSKÖLD

Med. Dr Lindsköld has a long digitalisation experience in Radiology, Pathology, Health Data, and Teledermatology (e-Health). His research is based on Interoperability within big data and AI, focusing on Semantic Interoperability driven by profession. Today he is working with the medical profession and data engineers and data scientists to create Medical Machine-Readable resources that will increase the automatic portability of data from various IT systems and AI Applications to support better the disease's journey that will include actors such as the individuals, clinicians, researchers, and industry.

SPEAKERS

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NINA LAHTI

I have more than 30 years of experience within healthcare and across the Swedish Healthcare System. Building on a deep understanding of the clinical environment, I have been active within innovation, including digital innovation, since 2008 and have successfully led various projects in this regard. I have extensive experience related to innovation support at operational, tactical, and strategic levels and involving people, processes and technologies across pharma, device, tech and biotech industries. I have been involved in several digital transformation projects including infection disease control, blockchain in handling and sharing health data, implementing software robots to support clinical decisions and AI projects to support staffing levels within the ER. I have working knowledge of how to navigate a hospital IT environment to enable the successful completion and implementation of digital research, self-service BI, clinical apps, cohort management to extract data from Tableau and other supporting services within the digital environment. I have managed programs and internal and external relationships across cultures, diversities and complexities. I have a passion for healthcare, innovation and how to deliver, implement and scale outcomes that matter. Market research have shown that organizations in Sweden have difficulty in launching projects past the initial pilot program

stage. This is often due to low leadership involvement resulting from a lack of understanding about how to support development and which initiatives are worth the necessary investments.

I have a strong entrepreneurial mindset, fuelled by curiosity, being customer-obsessed and adept in ambiguity. I am an articulate, engaging, and persuasive communicator with a talent for influencing positive change by fostering a spirit of cross-functional collaboration conducive to creativity and shared success. I am a Motivational and Charismatic leader adept at inspiring others across all levels to exceed expectations within complex environments.

Additional Areas of Expertise include:

- Digital Innovation and Transformation Leadership
- Design Thinking and other Agile Methodologies
- Team Building and Staff Development
- Cultural Change Management
- Smart Collaboration
- Networking
- Business and Operational Model design, testing, scaling and sustaining

I have extensive training and executive education in innovation, focusing on both innovation as a skill but also Healthcare, which is a very complex environment within which to innovate. I have all the skills to preform Innovation and Digital Transformation through my leadership philosophies, tools and techniques that, no doubt, will add further value to this role.

SPEAKERS

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PROF. DR. LENKA LHOTSKÁ

Lenka Lhotská, PhD, MIET, MIEEE, graduated as Master of Science in Electrical Engineering at the Czech Technical University in Prague (CVUT), Czech Republic and got PhD degree in Cybernetics from CVUT. Currently she is a distinguished researcher at the Cognitive Systems and Neurosciences Department at the Czech Institute of Informatics, Robotics and Cybernetics and associate professor at the Department of Natural Sciences of the Faculty of Biomedical Engineering, CVUT.

Her research focus: Knowledge-based systems, application of artificial intelligence (AI) methods to medicine, digital signal processing, machine learning, semantic interoperability, mobile technologies in healthcare, electronic health record. She is scientific secretary of the Czech Society for Biomedical Engineering and Medical Informatics, National representative in IFMBE, member of Council of Societies of IFMBE, co-chair of the WiMBE WG of IFMBE, chair of the Women in Medical Physics and Biomedical Engineering TG of IUPESM, chair of the Working Group Personal Portable Devices of European Federation for Medical Informatics (EFMI) and member of the EFMI Council, and National representative in International Society for Telemedicine and eHealth (IsfTeH). She was co-chair of the IUPESM World Congress 2018, member of the PC EMBEC 2005, regularly she is PC member of conferences on AI and ICT in health care.



PROF. DR. OLGA ŠTĚPÁNKOVÁ

During last three decades I have been working in the field of Artificial Intelligence (AI). My primary professional interest is targeted towards applications of AI in medicine e.g. to support early diagnostics through efficient and correct analysis of collected data using machine learning techniques or to complement human carers in their support to persons who are fragile or suffer from dementia in various stages. Ethical issues arising in this context attracted my attention to the more general issue of Ethics in AI and impact of AI on society. I pay attention to the dangers related to extensive misuse of private data processed by AI technologies for personalized manipulation of non-negligible part of internet users and their political views. I believe it is our duty to pay attention to this and look together for solutions that will allow us to defend ourselves and our society against such interventions.

SPEAKERS

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PROF. DR. TINO MARTÍ

Tino holds an extended experience in health policy, organisation and management in the fields of health services delivery, health financing, digital health and health systems.

At present, he is senior consultant for WHO Europe in primary care and quality of care as well as eHealth Project Manager at the European Health Telematics Association (EHTEL) and participates in different European projects: DigitalHealthUptake, UNICOM, Comfortage and the European mHealth Hub.

Between 2016 and 2019, he was Technical Officer at the WHO European Centre for Primary Health Care in Almaty, Kazakhstan, where he provided technical advice on health system strengthening to Belgium, Bulgaria, Kazakhstan, Kyrgyzstan, North Macedonia, Romania and Tajikistan, and participated in the organisation of the Global Conference on Primary Health Care held in Astana in October 2018.

In the past, he has held different responsibilities in the National Health System in Catalonia, Spain, including the Department of Health, the Catalan Health Institute (ICS), the eHealth competence centre (TicSalut) and the Primary Care Consortium CASAP.



PROF. DR. JOSEP Mª MONGUET FIERRO

Josep Mª Monguet Fierro, PhD, is a professor at Universitat Politècnica de Catalunya (UPC-Barcelona Tech). He was a pioneer of the application of multimedia technologies in Catalonia and promoter of the first degree in multimedia studies at the UPC in 1997. Since 2004, his work focuses on innovation in the field of health through the application of ICT. His professional and research activity is aimed at innovation in business models based on the application of ICT. He has been Vice-rector of the UPC Group, director of the Higher Graduate in Design at the UPC, Director of the Graduate Degree in Multimedia at the UOC and UPC and Director of the Multimedia Laboratory at the UPC. He has tutored 35 doctorate students and has published more than a hundred scientific papers.

SPEAKERS

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PROF. MICHELLE CATTI-PRETA

Michelle Catta-Preta, MSc (Design, innovation, and technology), is a researcher at Universitat Politècnica de Catalunya and CEO of Innex Labs and SmartDelphi. She is focused on understanding and developing collective intelligence to enhance the design process for digital transformation in the Health sector. In the last years have been guiding healthcare teams to understand future opportunities and design solutions to deal with the new challenges. An advocate of the need to work with the 3 intelligences, collective intelligence, future intelligence, and artificial intelligence to create more user-friendly, sustainable, and trustworthy solutions.



PROF. ALEX TREJO OMEÑACA

Alex Trejo, is an associate professor at Universitat Politècnica de Catalunya (UPC-Barcelona Tech) and cofounder of Onsanity Solutions Ltd., Innex Labs Ltd. & SmartDelphi. Since 2000, he has focused most of his working experience in project management and currently his business revolves around innovative solutions and knowledge management applied to the health sector and life sciences, from research projects in the field of technology agreement, the social and collective intelligence. Experience in design management, technical development and management of multimedia content, web 2 and web 3, innovation, integration, solutions, and services associated with ICT in Health environments.

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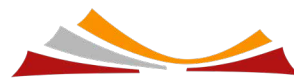
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