

Building Intelligent Health Systems: From Literacy to Clinical Impact

De Hoorn, Leuven, Belgium

08:30	<p>Doors Open – Arrival and Registration</p>
09:00	<p>Welcome Remarks & HNF Launch Olga Tzortzatou Nanopoulou, CEO & Co-Founder, Nanopoulos Foundation</p>
09:15	<p>Keynote Addresses Yannis Maniatis, "Artificial Intelligence for a Sustainable Future" MEP, Vice President of the Group of Socialists & Democrats (S&D), f. Minister of Environment, Energy and Climate Change Eleni Zika, "Unlocking health AI: the role of frontier research in building systems we can trust" Head of Sector for Scientific Impact and Feedback to Policy at the European Research Council</p>
10:00	<p>Global Health Literacy in the AI Era: Bridging the Digital Health Divide <i>This panel explores the shift from traditional health literacy to AI literacy, examining how well patients, clinicians, and the public truly understand digital medicine</i> Valerie Vandeweerd, CEO & Founder, Monsana Yann Heyer, Policy Officer, European Patient Forum Benoit Mores, European Society of Cardiology, ESC Patient Forum, Biot Sofia Antipolis, France Michaël Opgenhaffen, Professor Digital News & Journalism, KU Leuven Moderator: Olga Tzortzatou Nanopoulou, Co-Founder, Nanopoulos Foundation</p>
10:45	<p>Innovation vs Regulation: Is Europe Building the World's Safest or Slowest Health AI? <i>This panel explores Europe's struggle to balance innovation with regulation in the fast-moving AI health landscape, assessing whether current frameworks safeguard patients or risk slowing scientific and technological progress.</i> Sasa Jenko Kokalj, Policy Coordinator, EU DG Sante Nikos Papandreou, Member of the European Parliament Ali Rojo Santos, Senior Manager, EU Government Affairs and Alliance Development, Amgen Samuel Goodger, Policy Analyst, European Policy Centre Moderator: Danai Spentzou, Policy Advisor, Accredited Parliamentary Assistant, European Parliament</p>
11:30	<p><i>Coffee Break</i></p>
11:45	<p>Human-in-the-Loop Medicine: Digital Twins, Synthetic Data, and the Future of Precision Medicine Yves Moreaux, "The Genomic Promise vs. the Surveillance Trap: How We Build AI for Precision Medicine Responsibly", Professor of engineering, KU Leuven, Belgium Maarten De Vos, "Digital Twins in Healthcare & the Future of Precision Medicine", Professor, KU Leuven Introductions: Christos Chatzichristos, Visiting Professor, KU Leuven; Academic AI Expert, VAIA</p>
12:25	<p>Measuring How People Access, Understand & Use AI-Driven Health Information: A Multi-Setting Survey Instrument for Community, Clinical, and School Populations <i>This session introduces a new survey instrument designed to measure AI health literacy across diverse settings, capturing how community members, clinicians, and students access, understand, and act on AI-driven health information. The tool offers a practical foundation for benchmarking and improving health AI literacy across populations.</i> Olga Tzortzatou Nanopoulou, Co-Founder, Nanopoulos Foundation Paraskevi Papadopoulou, Professor, The American College of Greece (ACG), Nanopoulos Foundation SAB</p>
12:45	<p><i>Lunch</i></p>

<p>13:45</p>	<p>From Health to AI Literacy: Who Really Understands Digital Medicine?</p> <p><i>This panel explores the shift from traditional health literacy to AI literacy, examining how well patients, clinicians, and the public truly understand digital medicine.</i></p> <p>Kristine Sorensen, Founder of the Global Health Literacy Academy Kai Kolpatzik, CEO, Berlin Health Media; CSO, Wort & Bild Publishing Group Paraskevi Papadopoulou, Professor, The American College of Greece (ACG), Nanopoulos Foundation SAB Moderator: Olga Tzortzatou Nanopoulou, Co-Founder, Nanopoulos Foundation</p>
<p>14:30</p>	<p>Beyond the Genome: Ethical Governance of AI in Omics - Genome of Europe Consortium</p> <p><i>This panel examines the ethical and governance challenges raised by AI applications in genomics and omics research, drawing on the experience of the Genome of Europe. Speakers will discuss consent, data sharing, and oversight frameworks needed to ensure responsible use of AI in large-scale genomic initiatives.</i></p> <p>Wannes Van Hoof, Scientist, Sciensano Ciara Staunton, Senior Legal and Compliance Expert, BBMRI-ERIC & Digital Health Literacy & Policy Hub Task Force Leader Jeroen Van Rooij, Assistant Professor, Erasmus MC Moderator: Olga Tzortzatou Nanopoulou, Co-Founder, Nanopoulos Foundation, Genome of Europe ELSI WP Co-lead</p>
<p>15:15</p>	<p>Artificial Intelligence in Biomedicine: Hope, Hype, and Evidence. Lessons from the 1MG Initiative</p> <p><i>This talk takes a critical look at the gap between the promise and the proven impact of AI in biomedical research, using the 1+ Million Genomes Initiative as a case study. It offers an evidence-based perspective on what AI has genuinely delivered for genomics and precision medicine.</i></p> <p>Ciara Staunton, Senior Legal and Compliance Expert, BBMRI-ERIC & Digital Health Literacy & Policy Hub Task Force Leader</p>
<p>15:35</p>	<p><i>Break</i></p>
<p>15:55</p>	<p>AI, Trust, and the Human Factor: Who Really Controls Digital Health?</p> <p><i>Explores how human agency, transparency, and accountability are challenged in AI-powered health systems, questioning who ultimately shapes clinical decisions when algorithms enter the care pathway.</i></p> <p>Federica Zanca, Programme Manager for MedTech and AI in Healthcare, European Innovation Council Virginia Mahieu, Neurotechnology Director, Centre for Future Generations Orsi Nagy, Policy Analyst, Joint Research Center Policy Lab, European Commission Moderator: Frédéric Destrebecq, Executive Director, European Brain Council</p>
<p>16:40</p>	<p>The AI Generation: How the Digital Era Is Reshaping Health for Children and Youth</p> <p><i>This discussion will explore how AI-driven innovation is transforming the health and well-being of children and young people in the digital era, highlighting key implications, opportunities, and risks that will shape the health trajectories of future generations.</i></p> <p>Benjamin Schreiber, Associate Director of Health, UNICEF Evelyn Zavitz, Health Sciences Student, Queen's University, Canada Moderator: Jenny Bostrom, Children's Health Focal Point, ActioNCD International</p>
<p>17.25</p>	<p>Dual-Use in Healthcare with NATO Innovation Fund</p> <p><i>This session explores the growing intersection between civilian health innovation and defence applications, examining how technologies developed for healthcare can carry dual-use potential. With insight from the NATO Innovation Fund, the discussion considers how investment and innovation strategies are evolving at this intersection.</i></p> <p>Amalia Kontesi, Chief Communications and Marketing Officer, NATO Innovation Fund Chair: Orestis Trasanidis, Managing Director, 28DIGITAL</p>
<p>17.55</p>	<p>Closing Remarks</p> <p>Olga Tzortzatou Nanopoulou, CEO & Co-Founder, Nanopoulos Foundation</p>

The Political Economy of AI in Healthcare

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08:30	Doors Open – Arrival and Registration
09:00	Opening Remarks Olga Tzortzatou Nanopoulou , CEO & Co-Founder, Nanopoulos Foundation
09:10	State as Architect: How Countries Deploy Digital Public Health & AI <i>How governments move beyond regulation to actively design, implement, and scale AI solutions within national health systems, drawing on real-world digital transformation success stories.</i> Ihor Lysenko , CDTO (Chief Digital Transformation Officer), Medical Procurement of Ukraine Manish Pant , Policy Specialist, Digital Health, UN Development Program Katharina Ó Cathaoir , Director of Research, Danish Institute for Human Rights Simão Campos , Head of Secretariat, Focus Group on AI for Health, ITU Moderator: Leremy Colf , Non-resident Senior Fellow, Atlantic Council GeoTech Center; Associate Professor at the University of Oklahoma College of Nursing; Senior Fellow at the Data Foundation Center for Data Policy
09:55	Consent, Trust, Data and Exploitation in AI-Driven Healthcare <i>How the European Health Data Space (EHDS) enhances innovation and EU competitiveness, while safeguarding patients' data?</i> Ine van Zeeland , Senior Researcher, Media, Innovation and Technology (SMIT) at the Vrije Universiteit Brussel Dana Eleftheriadou , Senior Expert on Digital Health, European Commission Aneta Tyszkiewicz , Director, Science & Regulatory, EFPIA Bart Vannieuwenhuysse , Strategic Advisor, The European Institute for Innovation through Health Data Moderator: Zisis Kozlakidis , Head of Laboratory Services and Biobanking, IARC/WHO
10:40	<i>Coffee Break</i>
	Poster Session <i>Poster I: Innovation and Sustainability - The Environmental Footprint of AI in Biomedical Research, Focus on Medical Imaging, AlphaFold, and Drug Development</i> <i>Poster II: Sustainable AI on Campus - Measuring and Mitigating the Environmental Footprint</i> Paraskevi Papadopoulou , Biology Professor, ACG. Dr. Stella Apostolaki , Assistant Professor, ACG. Olga Tzortzatou-Nanopoulou , CEO & Co-Founder, Nanopoulos Foundation, Spyridon Vasilopoulos , MSc, Science lab technician, ACG Athanasios Koranis , Student, ACG, Paniz Mokhtarpour , ACG, Sofia Orfanou , ACG, Elena Ponichtera , UCLA
11:00	From Pipelines to Platforms: Pharma Innovation <i>The structural and economic transformation of pharma in the algorithmic era. How AI reshapes value creation, partnerships and power dynamics across the ecosystem?</i> Hugh Lavery , Head of Scientific Operations, Innovative Health Initiative Spyros Kintzios , Director Corporate Development & Strategy, Uni-Pharma S.A. Michael Geaney , AI in Health & Life Sciences Policy Officer, European Commission Moderator: Bart Vannieuwenhuysse , Strategic Advisor, The European Institute for Innovation through Health Data
11:45	Patient Representation Learning with Graph Neural Networks Dimitrios Proios , Clinical Data Scientist & PhD Candidate, University of Geneva
12:05	Keynote Address Vytenis Andriukaitis , “From Fragmentation to Leadership: Building Europe's Health and Innovation Union” Member of European Parliament, Committee of Public Health
12:30	<i>Lunch Break</i>

<p>13:30</p>	<p>Evidence and Provocations: How Can We Make a Digital World that Works for the Health and Wellbeing of Young People?</p> <p><i>This session brings together mental health advocates, youth campaigners, and academic researchers to challenge common assumptions about technology's effects on young people. Combining evidence with provocative questions, it explores what it would take to build a digital environment that truly supports the next generation's health and wellbeing.</i></p> <p>Paddy Crump, Campaigns Director, Content Lead, FlippGen Emma Hart, Researcher, Oberlin College Chair: Antonis Kousoulis, Director, Global Mental Health Action Network (United for Global Mental Health)</p>
<p>14:15</p>	<p>NextGen Innovation in Healthcare - Part 1</p> <p><i>Leaders from startups, tech, and biotech to explore the real-world challenges of scaling HealthTech solutions and achieving meaningful market traction.</i></p> <p>Bart Van Pee, Owner & CEO, Ambiorix Jana Drzkova, Head of Business Development, EuroQuity - Bpifrance Henk Vansteenkiste, Senior Manager, HICT Blake Hansen, Senior Manager, Strategic Operations, BAO Systems Moderator: Christos Chatzichristos, Visiting Professor, KUL; Academic AI Expert, VAIA</p>
<p>15:00</p>	<p>Why Most HealthTech Never Scales? - Part 2</p> <p><i>Why most digital health innovations struggle to scale, examining the structural, regulatory, and economic barriers that prevent promising technologies from moving beyond pilots.</i></p> <p>Marianthi Fragkopoulou, CEO, HERADO; Nuclear Physicist Paolo Cardile, Business Development Manager, Spin-off and Innovation Unit, KU Leuven; Gynaia Board Member Noella Pierlet, CIO, Ziekenhuis Oost-Limburg (ZOL) Valerie Storms, Head of Digital Health Innovation, Daiichi Sankyo Europe; Board Member, CF Europe Kai Kolpatzik, CEO, Berlin Health Media; CSO, Wort & Bild Publishing Group Moderator: Orestis Trasanidis, Managing Director, 28DIGITAL</p>
<p>15:45</p>	<p><i>Coffee Break</i></p>
<p>16:00</p>	<p>Digital Health Literacy in Africa</p> <p><i>This panel examines the current landscape of digital health literacy across Africa, highlighting institutional partnerships, capacity-building initiatives, and strategies for bridging the digital divide. Speakers will share perspectives on how to ensure AI-driven health tools are accessible and meaningful across diverse African contexts.</i></p> <p>Cyril Seck, Strategic Advisor on Digital Health and Institutional Strengthening in Africa, WHO, Africa CDC Mimi Choon-Quinones, Ambassador; Sr. Advisor on Public Health to The Pan African Parliament of the African Union Blake Hansen, Senior Manager, Strategic Operations, BAO Systems Moderator: Pascoal Bento, Digital Health Information Management & Capacity Building, Former WHO</p>
<p>16:45</p>	<p>The Future of Healthcare Education: A Youth Perspective on AI</p> <p><i>In this session, young clinicians and researchers share firsthand perspectives on how AI is transforming medical education and training. The discussion looks ahead to what the next generation of healthcare professionals will need to learn and unlearn to thrive in an AI-enabled clinical world.</i></p> <p>Chloé Desmedt, PhD Student, KU Leuven, Nurse Maarten Blondeel, PhD Student, KU Leuven, Cardiologist Lennert Beeckmans, PhD Student, KU Leuven, Interdisciplinary Chair: Christos Chatzichristos, Visiting Professor, KUL; Academic AI Expert, VAIA</p>
<p>17:30</p>	<p>Closing Remarks</p> <p>Olga Tzortzatos Nanopoulou, CEO & Co-Founder, Nanopoulos Foundation</p>