



# Artificial Intelligence in Healthcare

Season 4.0

**2026**

Webinar

Broadcasted from Hospital da Luz Lisboa auditorium

## Programme

1<sup>st</sup> Session | **February 12** | 13h00 – 14h00

Broadcasted from Hospital da Luz Lisboa auditorium 2

### **Breaking the mold of augmentative and alternative communication through AI**

Hugo Plácido da Silva

2<sup>nd</sup> Session | **March 12** | 13h00 – 14h00

Broadcasted from Hospital da Luz Lisboa auditorium 2

### **Computational technologies in healthcare research and innovation – Challenges, opportunities and perspectives**

Rebecca Shipley

3<sup>rd</sup> Session | **April 9** | 13h00 – 14h00

Broadcasted from Hospital da Luz Lisboa auditorium 2

### **O paradigma da inteligência artificial na transformação digital da saúde**

Tiago Taveira-Gomes



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## Speakers



### Hugo Plácido da Silva

Award-winning inventor, researcher, and entrepreneur. Co-founder of multiple innovative technology-based companies operating in the field of medical devices and data science for health. PhD in Electrical and Computers Engineering with Habilitation in Biomedical Engineering, both from the Instituto Superior Técnico (IST) - University of Lisbon (UL), Hugo is coordinator of the "Information and Data Science" thematic line and Senior Researcher at the IT - Instituto de Telecomunicações since 2004. He is also an Invited Professor at the Bioengineering Department of IST since 2019.

Both at a technical and scientific level, he has actively contributed to and participated in more than 70 national and international projects, funded by grants from Horizon 2020, Portugal 2020, Fundação para a Ciência e Tecnologia (FCT), and several other private and public institutions (e.g. BBC, Vodafone, or Nokia). Hugo has 10 granted patents and published 280+ papers in peer reviewed journals, international refereed conferences, and book chapters.

His main interest interests include biosignal research, system engineering, signal processing, and machine learning, and his work has been distinguished with several academic and technical awards such as the "IEEE Entrepreneurship Impact Award" in 2023, the "Career Award alumniPS" in 2018, the "Best Industrial and Enabling Technology" at the European Commission's DG-CONNECT Innovation Radar Prize in 2017, or the 1st place at the Ordem dos Engenheiros Young Engineer Innovation Award in 2015, just to name a few.



### Rebecca Shipley | University College London and UCLPartners

Professor Rebecca Shipley expertise lies in computational modelling in healthcare as well as healthcare innovation. She has pioneered model-based techniques to better understand how diseased and damaged tissues function and repair, including in cancer and nerve injury, as well as data-driven models in physiology and digital health technologies. She is a passionate advocate for healthcare engineering and the translation of scientific discoveries into practice. During the pandemic, Rebecca co-led the UCL-Ventura programme, which delivered non-invasive ventilators in the UK and globally. Rebecca led the UCL Institute of Healthcare Engineering during between 2018 and -2024 and now is Chief Research Officer at UCLPartners.



### Tiago Taveira-Gomes

Tiago Taveira-Gomes is a medical doctor specialized in General and Family Medicine, with additional training in data science and software development. He is also a guest lecturer at several universities in the fields of medicine, data science, medical informatics, software development, and clinical research. He holds a PhD in Medical Informatics and a master's degree in Artificial Intelligence.

Currently, he is dedicated to developing technological solutions for high-impact clinical research, using large-scale electronic health record data. In parallel, he collaborates with healthcare institutions to strengthen their analytical capabilities, promoting more efficient use of clinical data for the benefit of patients.