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EXTERNAL ASSOCIATE

PORTUGAL

NAME AND SURNAME:	Paulo de Carvalho
AFFILIATION:	Tenured Professor at Department of Informatics Engineering, Faculty of Science and Technology, University of Coimbra
AREA OF EXPERTISE:	Health Informatics, Machine Learning, Intelligent Algorithms for Health
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SHORT BIOGRAPHY

Paulo de Carvalho was born in 1968 in Aveiro, Portugal. He graduated in Informatics Engineering in 1992 (five years course) and in 1996 he received his Master Degree. In 2002 he received his Ph.D. in the field of Informatics Engineering from the University of Coimbra, Portugal. He spent his Academic career at the University of Coimbra, where he holds the position of full professor with tenure in the field of Informatics Engineering. He is currently the Vice-Dean of the Faculty of Science and Technology of the University of Coimbra for Research and Innovation.

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He was the founder and coordinates the Health Informatics Lab at the Center for Informatics and Systems of the University of Coimbra since 2004. His main research interests are adaptive computational techniques with application to bio-signals, pattern recognition, modelling and Clinical Informatics with particular emphasis on the development of intelligentalgorithms for cardiovascular, respiratory and brain-aging related disease management in the context of pHealth and hospital applications. His publications include several book chapters and over 250 papers in refereed international journals and conferences. He has served as principal investigator, workpackage coordinator and team leader in over 20 national and EU funded projects under the FP6, FP7, H2020 and Horizon Europe programs, and raised over 6 million euros for research for the Health Informatics Lab at the University of Coimbra.

Professor Carvalho is an official member of international and national scientific and professional organizations. In the International Federation of Medical and Biological Engineering (IFMBE), he was appointed for two three-year terms of office as the Coordinator of the Health Informatics and eHealth Working Group: 2016-19 term and 2019-22. He is the coordinator of the Digital Health Division of the IFMBE for the term 2022-2025. He is a member of the Editorial Board of the International Journal of Biomedical and Health Informatics of the IEEE.