

Jorge Vicente Lopes da Silva's short biography

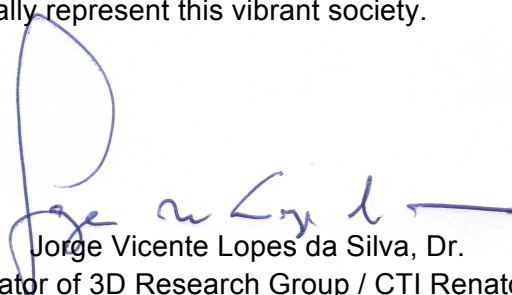
Jorge Vicente Lopes da Silva has a Ph.D. degree in Chemical Engineering, and MSc and BSc degrees in Electrical Engineering. He is a senior researcher joined the Renato Archer Information Technology Center (CTI) in 1988, a Brazilian research center from the Science, Technology, Innovation and Communications Ministry. He coordinated the Robotics Division at CTI for some years and in 1997 he created and has coordinated the Tridimensional Technologies Research Group at the same center as a pioneer in this area in Brazil. Under his supervision the team develops application and research projects with funding agencies, industry and universities in Brazil and abroad. He is member of many scientific committees and invited speaker of the most relevant conferences in the area of Additive Manufacturing. Dr. Jorge Silva is member of the editorial board and referee of dozens of journals. He has been a member of national and international research networks in the healthcare area like the Science and Technology National Institutes (INCT) for Biofabrication, INCT for Regenerative Medicine, and in the Brazilian Institute for Neuroscience and Neurotechnology (BRAINN). He has been coordinating some other projects in the area of tissue engineering and healthcare with the most relevant Brazilian funding agencies like FINEP, FAPESP and CNPq and Ministry of Health. Dr. Silva's laboratory is involved in additive manufacturing, CAD and BioCAD modeling, medical imaging, and computer simulation for medical applications. He has cooperated with more than 300 hospitals in Brazil and some others abroad. In his laboratory computer tools for medical imaging, currently in use in 150 countries as open-source solutions have been developed. He cooperates with many universities supervising or cosupervising master and PhD thesis. Dr. Silva has been invited for lectures in many national and international conferences, including the organization of the special session on Information Technology in Biofabrication 2016. Currently he holds a four years special scholarship in Technological Development Productivity 1D from the National Council for Scientific and Technological Development (CNPq). Further information:

Brazilian Research CV database (Lattes – CNPq): (<http://lattes.cnpq.br/6139204122148876>)

Researchgate: https://www.researchgate.net/profile/Jorge_Silva9

Reasons to run for the Board position of the International Society for Biofabrication (ISBF)

Dr. Silva has been involved with Biofabrication research area since 2005, diffusing and including as topics in Brazilian and Latin American conferences this exciting research field. He has been focusing mainly in the Information Technology as an enabling technology for biofabrication, creating experimental platforms and computing tools for the area and cooperating with interdisciplinary teams in universities. In 2010 Dr. Silva was one of the researchers in Philadelphia's biofabrication conference who signed a document to create the ISBF. Since 2010 he is bringing to Brazil biofabrication scientists. In 2018 he coorganized TERMIS Latin America Workshop, with the presence of an executive director of ISBF. This is the first time a TERMIS event is organized outside USA and CANADA in Americas. Because of the Dr. Silva's commitment to research and diffuse in Latin America the biofabrication field as a pioneer, he feels excited to run for a board position of the ISBF as a Latin America member and using the name of ISBF to officially represent this vibrant society.



Jorge Vicente Lopes da Silva, Dr.
Coordinator of 3D Research Group / CTI Renato Archer

Email: Jorge.silva@cti.gov.br

Tel.: +55 19 3746 6142