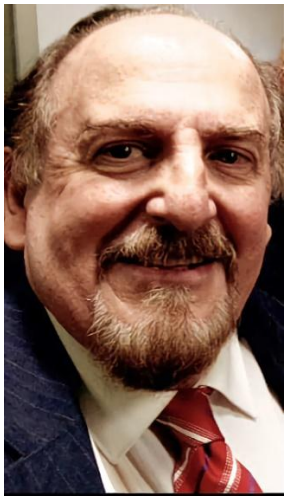
Professor Paulo E. Cruvinel



Professor Paulo E. Cruvinel is a Senior Researcher at Embrapa (Brazilian Agricultural Research Corporation) and an Electrical Engineer with a dual specialization in Electrotechnics and Electronics (UNIFEB, 1980). Upon graduation, he was honored with the Engineering Institute Award as the top student in his class. Throughout his distinguished career, he has focused on the research and development of sensors, intelligent systems, and agricultural automation. He earned his Master's degree in Bioengineering (1984) and a Ph.D. in Automation (1987) from UNICAMP.

His international academic background includes a postdoctoral fellowship at the Centro per l'Ingegneria Biomedica and the Department of Physics at Università degli Studi di Roma 'La Sapienza', Italy (1988), supported by the Abdus Salam International Centre for Theoretical Physics. He later completed a second postdoctoral program (1990–1991) at the University of California, Davis, within the Department of Land, Air, and Water Resources and the Crocker Nuclear Laboratory, funded by the CNPq RHAE program. Pioneer member of the founding team of the Embrapa Instrumentation, Professor Cruvinel is a collaborating professor in the graduate programs at the University of São Paulo (USP) Department of Physics and the Federal University of São Carlos (UFSCar) Department of Computing. His contributions have been recognized with the Certificate of Excellence for Technical-Scientific Merit (1997) and the "Personality of Agriculture" award from the Engineers' Union of the State of São Paulo (2000). His leadership experience is extensive: he served as Director General of Embrapa Instrumentation (1998–2002), Chairman of the Technical Commission for the National Program for Agricultural Automation, and Head of the Strategic Management Secretariat at Embrapa (2012–2014). Additionally, he was the first Technical Secretary of the Agribusiness Sectoral Fund at the Center for Management and Strategic Studies (CGEE) and served as President of the Brazilian Association of Agricultural Engineering (SBEA) from 2015 to 2017. He is a member of the Board of Trustees of the São Carlos High Technology Park Foundation and was named a Fellow of the International Academy, Research and Industry Association (IARIA) in 2016.