

Hermano Igo Krebs, PhD

Academic Title: Adjunct Professor

Primary Appointment: Neurology

Additional Title: Principal Research Scientist and Lecturer;
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Research/Clinical Keywords: Rehabilitation Robotics; Stroke; Biomarkers; Human-Robot Interactions; Mechatronic Systems; Computer Vision; Adaptive Control Algorithms; Human Factors; Human Motor Control

Education and Training

INSTITUTION AND LOCATION	DEGREE	Completion Date	FIELD OF STUDY
Escola Politécnica da Univ. de São Paulo, Brazil	B.S.	1980	Naval Engineering
Escola Politécnica da Univ. de São Paulo, Brazil	M.S.	1987	Naval Engineering
Yokohama National Univ., Yokohama, Japan	M.S.	1989	Ocean Engineering
Massachusetts Institute of Tech., Cambridge, MA	Ph.D.	1997	Engineering

Awards and Affiliations

- The 2009 Isabelle and Leonard H. Goldenson Technology and Rehabilitation Award, Cerebral Palsy International Research Foundation (CPIRF).
- IEEE Fellow (Institute of Electrical and Electronics Engineers) - Class of 2014 Nominated “for contributions to rehabilitation robotics and the understanding of neuro-rehabilitation” by IEEE-EMBS (Engineering in Medicine & Biology Society) and IEEE-RAS (Robotics and Automation Society)
- 2015 IEEE INABA Technical Award for Innovation leading to Production “for contributions to medical technology innovation and translation into commercial applications for Rehabilitation Robotics” awarded by IEEE-RAS (Institute of Electrical and Electronics Engineers - Robotics and Automation Society)
- Visiting Professor, Fujita Health University (Japan), School of Medicine, Department of Physical Medicine and Rehabilitation, 2013 to present
- Visiting Professor, Newcastle University (UK), Institute of Neuroscience, 2014 to 2019
- Visiting Professor, Osaka University (Japan), Dep of Mechanical Science and Bioengineering, 2015 to 2019
- Visiting Professor in Rehabilitation Robotics, Loughborough University (UK), The Wolfson School of Mechanical, Electrical, and Manufacturing Engineering, 2016 to 2019
- Member Scientific Board PhD programme in Bioengineering and Biosciences, University Campus Bio-Medico of Rome (Italy), 2016 to present
- Executive Board of NIH-K12 Neurorehabilitation and Restorative Neuroscience Training Network (PI. A. Dromerick and B. Bregman), 2018 to 2023