



Dr. Farbod Khoshnoud

Farbod Khoshnoud, PhD, PGCE, CEng, M.IMechE, M.ASME, HEA Fellow, is a faculty member in Electromechanical Engineering at California State Polytechnic University, Pomona. His current research areas include Self-powered Dynamic Systems, Nature/Biologically Inspired Dynamic Systems, and Quantum Entanglement and Quantum Cryptography for Multibody Dynamics, Robotics, Controls, and Autonomy applications.

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He was a research affiliate in the Mobility and Robotic Systems section at NASA Jet Propulsion Laboratory, Caltech in 2019; an Associate Professor of Mechanical Engineering at California State University, USA; a visiting Associate Professor in the Department of Mechanical Engineering at the University of British Columbia (UBC), Vancouver, Canada, in 2017; a Lecturer in the Department of Mechanical Engineering at Brunel University London, UK, 2014-16; a senior lecturer at the University of Hertfordshire, 2011-2014; a visiting scientist and postdoctoral researcher in the Industrial Automation Laboratory, Department of Mechanical Engineering, at UBC, Vancouver, 2007-2012; a visiting researcher at California Institute of Technology, USA, 2009-2011; and a Postdoctoral Research Fellow in the Department of Civil Engineering at UBC, 2005-2007.

He received his Ph.D. in Mechanical Engineering from Brunel University in 2005. He has worked in industry as a mechanical engineer for over six years. He is an associate editor of the Journal of Mechatronic Systems and Control (formerly Control and Intelligent Systems); and the editor of the [Quantum Engineering special issue of the Journal of Mechatronic Systems and Control](#).

Links:

<https://www.cpp.edu/faculty/fkhoshnoud/index.shtml>

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