

Junior Barrera received his Ph.D. degree in automatic control and systems from the Department of Electrical Engineering of the University of São Paulo (USP) in 1992. From 1985 to 1992, he worked at the Brazilian Space Research Institute. In 1992, he went to the Department of Computer Science of the Institute of Mathematics and Statistics of USP, where, currently, he is full professor. His career was focused on the study of lattice operator representation and design, producing several theoretical and applied contributions. Recently, he has also worked on representation and design of lattice dynamical systems. For many years, he has been concentrated in image processing applications, but, in the last years, he has also worked on Bioinformatics and Computational Biology applications. His actuation in this field lead him to some administrative positions. He was president of the USP Center for Bioinformatics for two times and, now, he is vice president of the Brazilian Society for Bioinformatics and Computational Biology.