



P. DE VLADAR, HAROLD, Parmenides Foundation

Harold P. de Vladar is a young researcher working in several topics in evolutionary biology. He chiefly applies mathematical and computational methods to understand complex facets of evolutionary systems. He has an interdisciplinary background: he studied cell biology (1999) and statistical physics (2000) at the Central University of Venezuela. His master studies were on Applied Mathematics (2003) studying models of cancer dynamics and optimal therapy design. In his PhD (Groningen University, 2009) he developed methods to understand the long-term evolutionary dynamics of stochastic populations. He has collaborated with important evolutionary biologists across Europe and the U.S.A. on practical and on foundational problems of evolutionary genetics, cognition and culture, but always from a perspective of evolutionary biology and employing methods from physics. Currently, de Vladar is also the Chief Scientific Officer of Ribbon Synthetic Biolabs, a startup that is developing new computational and biochemical methods for efficient DNA editing. He is also a practicing artist working under pseudonym.