

Dr. Elias Zamora-Sillero

born 1980, married and father of one child

As a Head of Quantitative Research and Development since 2012, the responsibility of his role comprises the leadership of the group of data scientists and software developers who aim to develop, implement, and deploy AI-based quantitative tools that permit accurate rational forecasting and decision making. Specifically, his team further develops the advanced Machine Learning return and risk estimators, that form the core of the fully automated investment *Ansatz* of GET Capital.

Dr. Zamora-Sillero holds a Master degree in theoretical physics and a PhD in mathematical physics both from the University of Seville with research stays in the Universities of Bayreuth, Tomsk State, and California San Diego. During his doctorate he specialized in the dynamics of nonlinear waves in complex media and defended in 2008 a PhD thesis called “Emergence and Dynamics of Solitary Waves”.

After finishing his PhD, Dr. Zamora-Sillero worked at the ETH Zurich as research scientist until 2012. In the framework of mathematical modeling in cell biology Dr. Zamora-Sillero developed novel Machine Learning algorithms that permitted the automated generation and scoring of predictive models that encoded mutually exclusive explanatory hypotheses.

Dr. Zamora-Sillero has published several scientific articles in peer-reviewed international journals and delivered lectures on physics and computational biology at the University of Seville and ETH Zurich, respectively.

