Dr. **Eduardo Jiménez.** Degree in Mathematics at the Universitat Autònoma de Barcelona. Later, he obtained a PhD. in Mathematics and Master's degree in Multidisciplinary Mathematics at the Polytechnic University of Valencia. Currently, He teaches Economics at the Universidad Jaume I de Castellón.

During his career he focused his studies on Banach's integrable function spaces with respect to vector measures. Currently, he work in the field of econometrics, centering is research to obtain models that allow similarities between regions and observations to be captured, as well as the construction of composite indicators through appropriate metrics. The implementation of these techniques is materialized through the development of Machine Learning algorithms for their estimation and optimization.

Five selected/recent publications:

1. A Non-linear Approach to Signal Processing by Means of Vector Measure Orthogonal Functions. Luís Miguel García Raffi, L.M; Jiménez Fernández, E.; Sánchez Pérez, E.A.. Publ. RIMS Kyoto Univ. 49 (2013). 241 -269.
2. A Komlós Theorem for abstract Banach lattices of measurable functions. Jiménez Fernández, E; Juan, M.A.; Sánchez Pérez; E.A. Journal of Mathematical Analysis and Applications. 383 (2011) pp. 130 – 136.
3. Orthogonal systems in L^2 spaces of a vector measure. Jiménez Fernández, E. Turkish Journal of Mathematics. (2013) - 37, pp. 981 – 992.
4. Modelling FDI Spillovers: The role of geography and govermment debt economic modelling. Alamá-Sabater, L.; Heid, B; Jiménez-Fernández, E; Márquez-Ramos, L. Economic Modelling.58 (2016) pp.466-474.
5. FDI in Space Revisited: The Role of Spillovers on Foreign Direct Investment within the European Union. L.; Heid, B; Jiménez-Fernández, E; Márquez-Ramos, L. Growth and Change. Vol. 48 No. 3 (2017), pp. 390–408