

## **CAN WE MODEL REALITY? AN INTRODUCTION TO THE PHILOSOPHY OF SCIENCE.**

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Abstract: Whether we talk about markets in the economy, DNA structure in molecular biology, climate change in meteorology or universe expansion in cosmology, science always strongly relies on the elaboration of models to represent reality. But what is a model? What do we mean by "representation"? What can we consider as a reasonable approximation? We will try to explore all these questions with Prof. Jesús Zamora-Bonilla, the dean of the faculty of Philosophy at UNED, where he teaches Logic and Philosophy of Science.