

Short CV

Pavlos Zitis was born in Sparta (Greece) in 1985. He received his BSc degree in Physics (2014) from the National and Kapodistrian University of Athens (UoA). In the context of his BSc studies, he published the article with the title *“Dynamical analogy between economical crisis and earthquake dynamics within the nonextensive statistical mechanics framework”* in *Physica A: Statistical Mechanics and its Applications* (2013). In 2015 he participated in the scientific conference *“European Geosciences Union”* with the paper *“Magnetic storms and solar flares: can be analysed within similar mathematical framework with other extreme events?”*. He holds a Master degree (2018) in the section of Financial Engineering from the department of Mathematical Modeling in Modern Technologies and in Finance of the National Technical University of Athens (NTUA). Pavlos Zitis is now a PhD candidate at the department of Electrical and Electronics Engineering of the University of West Attica and a member of the ECTLab research team. In the context of his PhD studies, he published the article with the title *“An Exploratory Study of Geospace Perturbations Using Financial Analysis Tools in the Context of Complex Systems”* in *Geosciences* (2021). His main research interest is focused on the development of an early warning system which will detect the financial bubbles using methods of complexity theory combined with machine learning and deep learning techniques. Since 2019 he has worked in the Group Enterprise Risk Management, Operational and Market Risk division at Attica Bank.