

Seminar: "Geometry&Physics@DFT" (IFIN-HH)
([Geometry&Physics Homepage](#))

Date: Wednesday, February 28, 2024, 15:00 Bucharest time

Location: online via Zoom

Speaker: **Drd. Victor Ovidiu Slupic** (DFT, IFIN-HH)

Title: **Dynamical aspects of classical and quantum multifield cosmological models (exploratory seminar)**

Abstract: In this seminar I will offer an overview of multifield cosmology, focusing on summarizing the significant findings and developments that have emerged in the last few years. We will discuss the current open problems within the field, identifying areas where further investigation is needed. Additionally, we delve into the potential implications of axions on multifield cosmology, specifically examining how they might influence the metric or the potential associated with the scalar field. This discussion aims to provide an outlook on the future directions of research, highlighting the importance of axion type potentials in constraining multifield models.