Joint Seminar: DFT (IFIN-HH) & "Geometry&Physics@DFT" (IFIN-HH) (Geometry&Physics Homepage) (DFT Seminars webpage)

Date: Thursday, 18 January, 2024 12:00 noon

Location: DFT seminar room at NIPNE, Bucharest-Magurele & online

Speaker: **Prof. Calin Lazaroiu** (UNED Madrid & NIPNE Bucharest)

Title: **Consistency conditions for sustained rapid turn inflation in two-field cosmological models**

Abstract: I show that two-field cosmological models admit trajectories with sustained rapid turn and slow roll if and only if their scalar potential and target space metric satisfy a highly nonlinear first order PDE.