

Remote talk - How Natural is the Standard Model in the String Landscape? (T: 50mn + Q: 10mn)

vendredi 13 mai 2022 15:00 (1 heure)

Mike's pioneering work in taking a statistical approach to string vacua has contributed to an ever-improving picture of the landscape of solutions of string theory. In this talk, we explore how such statistical ideas may be relevant in understanding how natural different realizations of the Standard Model of particle physics are in the geometric framework of F-theory, where the landscape can be understood in terms of the vast moduli space of elliptic Calabi-Yau fourfolds connected by geometric transitions.

Orateur: Prof. TAYLOR, Washington (MIT)

Classification de Session: Afternoon chair: Paul Windey