

Department of Mathematics and Computer Science

Thursday, February 2, 2023, 3:00 pm

COLLOQUIUM TALK

Speaker: Genival Francisco Fernandes da Silva (EIU)

Old Main 2210

**The Hodge Conjecture, a million dollar
problem!**

Abstract:

In this talk I'll talk about one of the most celebrated open problems in complex algebraic geometry, the Hodge Conjecture. We will discuss first the history of the problem, the major actors involved in its formulation, and some ideas to approach this conjecture.