

1119-14-45

Dragos Oprea*, 9500 Gilman Drive #0112, La Jolla, CA 92093. *On the tautological ring of the moduli space of K3 surfaces.* Preliminary report.

I will discuss the notion of tautological Chow ring of the moduli space of polarized K3 surfaces, and describe ongoing work with Alina Marian and Rahul Pandharipande aimed at deriving relations between the tautological classes and understanding the structure of the tautological ring. (Received February 01, 2016)