

BOSTON UNIVERSITY GEOMETRY SEMINAR

# The moduli space of stable quotients

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Wednesday Oct. 14, 3-4 pm in room PSY B37  
Tea 2:45-3 in MCS 153

**Abstract:** I will discuss features of a moduli space of stable quotients of the rank  $n$  trivial sheaf on stable curves. This gives a compactification of the moduli of maps from smooth curves to Grassmann varieties, distinct from the Kontsevich-Manin space. The construction connects with Gromov-Witten theory on the one hand, and leads to new relations in the tautological ring of the moduli space of curves on the other. This is joint work with Dragos Oprea and Rahul Pandharipande.