Contribution ID: **11**   Type: **not specified**

FA modules and holomorphic forms on moduli spaces of stable curves.

Tuesday, 30 September 2025 11:30 (1 hour)

I will discuss the combinatorial notion of FA modules and how they appear in the holomorphic part of the cohomology of moduli spaces of stable curves. In particular, I will give a complete description of holomorphic 17 forms on the moduli space of stable curves of genus g with n marked points for all g and n. This is joint work with Hannah Larson, Sam Payne, and Thomas Willwacher.

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