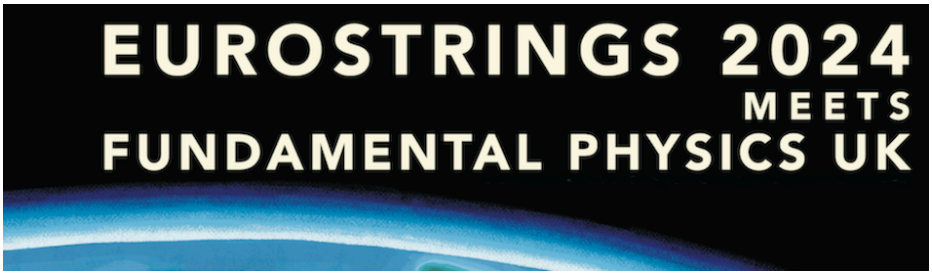

Contribution ID: **40** Type: **Talk in parallel session**

Localization and resummation in 2d Yang-Mills

Friday 6 September 2024 14:50 (20 minutes)

In this talk, I will present the all-orders perturbative expansion of the partition function of 2d Yang-Mills on arbitrary closed surfaces around unstable instantons, i.e. higher critical points of the classical action. I will describe two approaches to this result: through resummation of the lattice partition function, and through non-standard supersymmetric localization. The result of localization is a novel effective action that is itself a distribution rather than a function of the supersymmetric moduli.

Link to publication (if applicable)

https://arxiv.org/abs/2403.00053

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Session Classification: Parallel sessions

Track Classification: Resurgence and non-perturbative methods 1